DANKS

CATALOGUE

JOHN DANKS & SON Pty. Ltd., 324-330 Pitt Street, Sydney TELEPHONE M 6505 (18 lines)

AND AT 391-403 BOURKE STREET, MELBOURNE

Special Notice

Owing to conditions brought about by the war, prices quoted in the enclosed list must not be regarded as firm but are a true indication of values existing when this list was printed and must be treated as approximately only.

Under these circumstances our customers are requested to select their requirements carefully and on receipt of enquiries we will be pleased to submit a firm quotation for current stock at lowest prices.

Catalogue Issue No.1, May, 1941

3-44081
TC 683 .A6 J01

John DANKS & Son PTY. LTD.

(INCORPORATED IN VICTORIA)

Established in 1859

324-330 PITT STREET, SYDNEY

Telephone: M 6505 (18 lines)

and at

391-403 BOURKE STREET, MELBOURNE, C.1

Telephone: M 2381 (12 lines)

Manufacturers of:—

"DASPYL" ENGINEERS' AND PLUMBERS' BRASSWARE

Consisting of

COCKS — VALVES — BRASS — GUNMETAL — IRON — LEAD — AND SPECIAL ALLOY FITTINGS FOR STEAM — WATER — GAS — AIR — OIL AND SEWERAGE SERVICES — WINDMILLS, PUMPS, ETC.

Distributors of:—

BUILDERS' HARDWARE
ELECTRICAL ACCESSORIES, APPLIANCES AND FITTINGS
DOMESTIC HARDWARE
ENGINEERS' AND PLUMBERS' BRASSWARE
GALVANISED IRON AND PRODUCTS
HEATING AND HOT WATER BOILERS AND RADIATORS
MOTOR ACCESSORIES
PAINTS, COLOURS AND OILS
SANITARY WARE AND FITTINGS
SEWERAGE FITTINGS
TOOLS —
CARPENTERS, ENGINEERS, GARDENERS AND PLUMBERS, ETC.
WALLPAPERS

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WHILST this General Catalogue aims to be as complete a guide as possible to the goods stocked and sold by John Danks & Son Pty. Ltd., it obviously cannot deal fully with our many activities or show more than a small selection of our most popular products.

It does, however, give you some idea of how completely we are equipped to satisfy your every need in the many sections of our business listed on the following pages.

Perhaps even more important to you than the large selection of goods we stock, is the surety we give you of their undoubted value.

Since 1859 the House of Danks has enjoyed an enviable reputation for highest quality and keen values, and this reputation is upheld by every article we make or sell.

HOW TO ORDER

When ordering from this Catalogue, it is sufficient to quote the NUMBERS ONLY of the items wanted. DO NOT CUT out the illustration to send to us. This is quite unnecessary and only mutilates your copy of the Catalogue and detracts from its value to you.

ALWAYS KEEP THE CATALOGUE HANDY. You will find it of great help in ensuring the goods you require are of the highest quality and keenest value.

ALL QUOTATIONS ARE SUBJECT TO FLUCTUATION WITHOUT NOTICE.

Business Terms.—Terms to regular customers are—payment in the month following that in which the goods are invoiced. Orders from persons with whom we have no previous dealings should be accompanied by cash, bank draft, postal note or money order. If it is desired to open an account in our books, at least two approved business references should be supplied. Kind attention to the foregoing will obviate delay and inconvenience.

STAMPED PARCELS PREPAID RATES

A consignment note must be tendered for each parcel handed to the Commissioner for despatch by rail. Each parcel will be charged for separately.

The following are the rates for the conveyance of Parcels by Passenger Trains on the New South Wales Government Railways:—

Not exceeding Miles—	NOT EXCEEDING																			Each additional 28 lb. or part thereof
	1 lb.	2 lb.	3 lb.	4 lb.	5 lb.	6 lb.	7 lb.	8 lb.	9 lb.	10 lb.	11 lb.	12 lb.	13 lb.	14 lb.	28 lb.	42 lb.	56 lb.	84 lb.	112 lb.	
	d.	d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
25	5	5	0 5	0 6	0 6	0 6	0 6	0 6	0 6	0 6	0 6	0 6	0 6	0 6	1 0	1 3	1 8	2 2	2 6	0 8
50	6	6	0 6	0 6	0 6	0 6	0 6	0 8	0 8	0 8	0 8	0 8	0 8	0 8	1 3	1 9	2 4	3 1	4 0	1 1
75	6	6	0 6	0 8	0 8	0 8	0 8	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 8	2 4	3 0	4 3	5 4	1 3
100	6	7	0 8	1 0	1 0	1 2	1 2	1 3	1 3	1 3	1 3	1 3	1 3	1 3	2 2	2 11	3 8	5 4	6 7	1 8
125	6	8	0 10	1 0	1 2	1 3	1 4	1 7	1 7	1 7	1 7	1 7	1 7	1 7	2 6	3 6	4 6	6 5	8 0	1 10
150	6	9	1 0	1 0	1 3	1 4	1 5	1 9	1 9	1 9	1 9	1 9	1 9	1 9	2 11	4 0	5 2	7 2	9 2	2 3
175	6	9	1 0	1 0	1 3	1 6	1 9	2 0	2 3	2 3	2 3	2 3	2 3	2 3	3 4	4 7	5 9	8 3	10 5	2 6
200	6	9	1 0	1 0	1 3	1 6	1 9	2 0	2 3	2 6	2 9	2 9	2 9	2 9	3 8	5 2	6 6	9 2	11 7	2 11
250	6	9	1 0	1 0	1 3	1 6	1 9	2 0	2 3	2 6	2 9	2 11	2 11	2 11	4 7	6 4	8 0	10 8	13 7	3 4
300	6	9	1 0	1 0	1 3	1 6	1 9	2 0	2 3	2 6	2 9	3 4	3 4	3 4	5 4	7 0	8 8	12 1	15 4	3 6
350	6	9	1 0	1 0	1 3	1 6	1 9	2 0	2 3	2 6	2 9	3 8	3 8	3 8	5 9	8 0	9 6	12 10	16 3	3 8
400	6	9	1 0	1 0	1 3	1 6	1 9	2 0	2 3	2 6	2 9	3 10	3 10	3 10	6 4	8 8	10 5	13 7	16 11	4 1
500	6	9	1 0	1 0	1 3	1 6	1 9	2 0	2 3	2 6	2 9	3 11	3 11	3 11	7 0	9 11	12 1	15 3	18 8	4 7
600	6	9	1 0	1 0	1 3	1 6	1 9	2 0	2 3	2 6	2 9	4 1	4 1	4 1	8 0	10 8	13 7	16 11	20 4	5 1
700	6	9	1 0	1 0	1 3	1 6	1 9	2 0	2 3	2 6	2 9	4 7	4 7	4 7	8 3	11 7	15 0	18 8	22 0	5 4
850	6	9	1 0	1 0	1 3	1 6	1 9	2 0	2 3	2 6	2 9	5 9	5 9	5 9	9 2	13 4	16 6	21 1	23 11	5 9
Over 850	6	9	1 0	1 0	1 3	1 6	1 9	2 0	2 3	2 6	2 9	7 5	7 5	7 5	10 5	15 8	19 1	23 11	27 4	6 7

Any package exceeding 336 lb. in weight or 36 cubic feet in measurement will not be accepted for conveyance by passenger train except by special arrangement.

When freight is not prepaid, 25 per cent. additional (not to exceed 1/-) will be charged. The minimum charge for a parcel when freight is not prepaid will be 7d.

To compute the through rate from Sydney to a Victorian station, the rate from Sydney to Victorian Border (Albury or Tocumwal, as the case may be) must be added to the rate in Victoria.

PARCEL RATES FROM SYDNEY TO VICTORIAN BORDER

Sydney to Victorian Border:	WEIGHT IN LBS.																						Every additional 28 lbs. or part thereof
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	21	28	35	42	49	56	84	112	
	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
Via ALBURY—	0 9	1 0	1 3	1 3	1 6	1 9	2 0	2 6	2 9	3 0	3 3	4 4	4 4	4 4	6 11	6 11	9 4	9 4	11 1	11 1	14 5	17 10	4 4
Via TOCUMWAL—	0 6	0 9	1 0	1 0	1 3	1 6	1 9	2 0	2 3	2 6	2 9	3 11	3 11	3 11	7 0	7 0	9 11	9 11	12 1	12 1	15 3	18 8	4 7

PARCELS BY PASSENGER TRAINS

The following are the rates for the conveyance of Parcels by Passenger Trains on the Victorian Government Railways:—

STAMPED PARCELS (PREPAID) RATES

Mile not exceeding	LBS. WEIGHT NOT EXCEEDING—																						Every additional 28 lbs. or part thereof
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	21	28	35	42	49	56	84	112	
	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
25	0 6	0 8	0 8	0 8	0 8	0 8	0 8	0 9	0 9	0 9	0 10	0 10	0 10	0 11	0 11	0 11	1 2	1 4	1 6	1 8	2 2	2 5	0 7
50	0 6	0 8	0 8	0 9	0 9	0 10	0 10	0 11	1 0	1 1	1 1	1 2	1 2	1 2	1 4	1 5	1 10	2 2	2 7	3 0	3 9	4 1	0 11
75	0 6	0 8	0 8	0 9	0 10	0 11	1 0	1 1	1 2	1 3	1 3	1 4	1 5	1 8	1 10	1 11	2 6	3 0	3 5	3 9	5 0	5 9	1 4
101	0 6	0 8	0 8	0 10	1 0	1 1	1 2	1 3	1 3	1 5	1 5	1 5	1 8	1 11	2 2	2 5	3 1	3 9	4 5	5 0	6 3	7 4	1 8
125	0 6	0 9	0 11	1 0	1 2	1 3	1 4	1 5	1 5	1 8	1 8	1 8	1 11	2 2	2 7	3 0	3 7	4 1	4 11	5 9	7 4	8 8	2 2
150	0 6	0 9	0 11	1 1	1 3	1 4	1 5	1 6	1 8	1 8	1 11	1 11	2 2	2 5	2 10	3 3	4 2	5 0	5 10	6 8	8 4	9 10	2 2
175	0 6	0 9	0 11	1 1	1 3	1 4	1 5	1 8	1 8	1 11	2 2	2 2	2 10	3 1	3 5	3 9	4 9	5 9	6 7	7 4	9 6	11 2	2 5
200	0 6	0 9	1 0	1 2	1 3	1 4	1 5	1 8	1 11	2 2	2 5	2 10	3 4	3 7	3 10	4 1	5 2	6 3	7 4	8 4	10 5	12 5	3 0
250	0 6	0 9	1 0	1 2	1 3	1 5	1 8	1 11	2 2	2 5	2 5	3 1	3 7	3 10	4 3	4 8	5 11	7 1	8 1	9 1	11 6	13 8	3 3
300	0 6	0 9	1 0	1 3	1 5	1 8	1 11	2 2	2 2	2 5	2 9	3 7	4 1	4 5	4 11	5 5	6 8	7 11	8 11	9 10	12 5	14 11	3 3
350	0 6	0 9	1 0	1 3	1 5	1 8	1 11	2 2	2 5	2 9	2 9	4 1	4 5	5 0	5 5	5 9	7 1	8 4	9 7	10 9	13 8	16 2	3 9
400	0 6	0 9	1 0	1 3	1 5	1 8	1 11	2 2	2 5	2 9	3 0	4 5	5 0	5 3	5 9	6 3	7 8	9 1	10 4	11 6	14 6	17 4	4 1
450	0 6	0 9	1 0	1 3	1 6	1 9	2 0	2 3	2 6	2 9	3 0	4 5	5 3	5 9	6 5	7 1	8 4	9 6	11 0	12 5	15 3	18 8	4 1
500	0 6	0 9	1 0	1 3	1 6	1 9	2 0	2 3	2 6	2 9	3 0	4 5	5 3	6 0	6 8	7 4	8 11	10 5	11 10	13 3	16 5	19 9	4 8
550	0 6	0 9	1 0	1 3	1 6	1 9	2 0	2 3	2 6	2 9	3 0	4 5	5 6	6 4	7 1	7 9	9 3	10 9	12 5	14 0	17 7	20 8	4 11
600	0 6	0 9	1 0	1 3	1 6	1 9	2 0	2 3	2 6	2 9	3 0	4 5	6 0	6 8	7 5	8 2	9 11	11 7	13 3	14 11	18 2	21 6	5 4

PARCELS POST

Postage rates for the delivery within the Commonwealth of parcels by parcels post are as follows:—

PARCEL RATES

Within the Commonwealth—

Scale	Destination	Parcels not exceeding 1 lb.	2 lbs.	3 lbs.	5 lbs.	8 lbs.	11 lbs.
1.	Within 30 miles of office of posting	6d.	9d.	1/–	1/3	1/6	1/9
2.	Within State, but beyond 30 miles	9d.	1/–	1/3	1/6	2/–	2/9
3.	Adjoining States—See local Post Office	1/–	1/6	2/–	2/6	3/6	5/–
4.	Elsewhere within the Commonwealth	1/3	2/–	2/9	3/6	5/–	7/3

Scale 4 rates apply to parcels for Papua and New Guinea and for the following islands:—New Britain, New Ireland, New Hanover, Admiralty, Bougainville and Buka.

Beyond the Commonwealth.—See Post Office Guide.

PACKET POST

The postage rate on small packets of merchandise, patterns, samples, etc., weighing up to one pound, is: — To anywhere in Commonwealth, 1d. for every 2 ozs. or fraction thereof.

CASH ON DELIVERY POST

Cash on delivery post is a system under which the Postal Department, upon delivery of a parcel on which the prescribed fee has been paid, collects from the Addressee a sum of money fixed by the sender and pays to the sender the amount collected.

The system is designed to meet the requirements of persons who wish to pay on delivery for goods sent to them.

The fee or commission charged by the Postal Department includes the Registration Fee of 3d., and is an addition to the ordinary postage rates.

The Postal Department's scale of charges is as follows:—

Amount to be collected on parcel	Commission
Not exceeding 10/-	9d.
Over 10/-, but not exceeding £1	1/–
Over £1, but not exceeding 30/-	1/3
Over 30/-, but not exceeding £2	1/6
Each additional £1 or fraction thereof	3d. add.

ORDER FORM

Telegrams: Danks, Sydney
Telephones: M 6505 (18 lines)

JOHN DANKS & SON PTY. LTD.

324-330 PITT STREET
SYDNEY

Date.....

Name.....

Address.....

Forward To.....

By.....

Cheque.....

Money Order.....

Postal Notes.....

Catalogue Number	Quantity	Items	Per	£	s.	d.
		Remittance Value £.....Enclosed				

NOTE.—Orders from persons with whom we have no previous dealings should be accompanied by cash, bank draft, postal note or money order. If it is desired to open an account in our books, at least two approved business references should be supplied. Kind attention to the foregoing will obviate delay and inconvenience.

10997

ORDER FORM

Telegrams: Danks, Sydney
Telephone: M 6565 (15 lines)

JOHN DANKS & SON PTY. LTD.

324-330 PITT STREET
SYDNEY

Date .....

Name .....

Address .....

Forwarded To ..... CARRIER, REGISTERED, VALUABLE, ETC.

Sir ..... SPECIAL INSTRUCTIONS—PACKING, CARTAGE, ETC.

Charge .....
Money Order .....
Postal Notes .....

Catalogue Number	Quantity	Item	Per	£	s.	d.

ORDER FORM

Telegrams: Danks, Sydney
Telephones: M 6505 (18 lines)

JOHN DANKS & SON PTY. LTD.

324-330 PITT STREET
SYDNEY

Date.....

Name.....

Address.....

Forward To.....

By.....

Cheque.....

Money Order.....

Postal Notes.....

Catalogue Number	Quantity	Items	Per	£	s.	d.
		Remittance Value £.....Enclosed				

NOTE.—Orders from persons with whom we have no previous dealings should be accompanied by cash, bank draft, postal note or money order. If it is desired to open an account in our books, at least two approved business references should be supplied. Kind attention to the foregoing will obviate delay and inconvenience.

10997

ORDER FORM

Telegrams: Danks, Sydney
Telephones: M 6905 (18 lines)

JOHN DANKS & SON PTY. LTD.

324-330 PITT STREET
SYDNEY

Date.....

Name.....

Address.....

Forward To.....

Rly.....

Cheque.....
Money Order.....
Postal Notes.....

Catalogue Number	Quantity	Items	Per	£	s.	d.

ORDER FORM

Telegrams: Danks, Sydney
Telephones: M 6505 (18 lines)

JOHN DANKS & SON PTY. LTD.

324-330 PITT STREET
SYDNEY

Date.....

Name.....

Address.....

Forward To.....

By.....

Cheque.....

Money Order.....

Postal Notes.....

Catalogue Number	Quantity	Items	Per	£	s.	d.
		Remittance Value £.....Enclosed				

NOTE.—Orders from persons with whom we have no previous dealings should be accompanied by cash bank draft, postal note or money order. If it is desired to open an account in our books, at least two approved business references should be supplied. Kind attention to the foregoing will obviate delay and inconvenience.

10827

ORDER FORM

Telegrams: Danks, Sydney
Telephones: M 6505 (18 lines)

JOHN DANKS & SON PTY. LTD.

324-330 PITT STREET
SYDNEY

Date.....

Name.....

Address.....

Forward To.....

By.....

Cheque.....

Money Order.....

Postal Notes.....

Catalogue Number	Quantity	Items	Per	£	s.	d.
		Remittance Value £.....Enclosed				

NOTE.—Orders from persons with whom we have no previous dealings should be accompanied by cash bank draft, postal note or money order. If it is desired to open an account in our books, at least two approved business references should be supplied. Kind attention to the foregoing will obviate delay and inconvenience.

10687

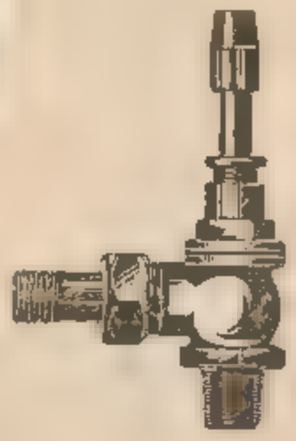
CATALOGUE "A" OF "DASPYL"

Engineers' and Plumbers' Supplies

High Pressure Ferrule Stop Cocks for Lead Pipe
A13.

MEDIUM WEIGHT

Sizes: ½", ¾", 1", 1¼", 1½", 2".



High Pressure Ferrule Stop Cocks for Iron Pipe
A14.

M.M B.W. Standard

HEAVY WITH FULL WAYWAY

Outlet Tail Piece, Screwed Gas Thread

Sizes: ½", ¾", 1", 1¼", 1½", 2".

Also with Plain Tail Piece for Lead

High Pressure Bib Cocks for Iron Pipe
A1.

HEAVY WEIGHT FULLWAY

Australian Commonwealth Standard

Sizes: ½", ¾", 1", 1¼", 1½", 2".

High Pressure Stop Cocks for Iron Pipe
A7.

MEDIUM WEIGHT

Sizes: ½", ¾", 1", 1¼", 1½", 2", 2½", 3".

High Pressure Bib Cocks for Iron Pipe
A2.

MEDIUM WEIGHT

Sizes: ½", ¾", 1", 1¼", 1½", 2".

High Pressure Stop Cocks for Iron Pipe
A8.

MEDIUM WEIGHT

Male and Female—Sizes: ½", ¾".

Used extensively with Cap and Lining for connecting up Bath Heaters.

High Pressure Bib Cocks, Special
A3.

Made in two sizes: ½" and ¾".

This cock has been designed to prevent the illegal use of hose where Water Meters are not fixed, and has been adopted by the Melbourne and Metropolitan Board of Works and other corporations.

High Pressure Stop Cocks for Iron Pipe
A9.

HEAVY WEIGHT FULLWAY

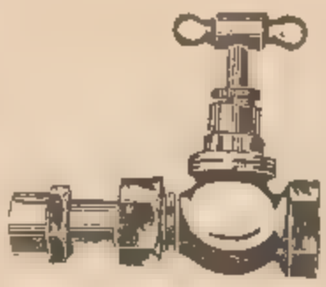
Australian Commonwealth Standard

Sizes: ½", ¾", 1", 1¼", 1½", 2". 2½", 3".

High Pressure Hose Cocks for Iron Pipe
A4.

Sizes: ½", ¾", 1", 1¼", 1½", 2", 2½", 3".

Supplied without nuts and tails, unless otherwise specified.

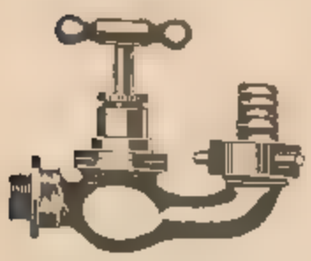


High Pressure Cistern Stop Cock
A10.

Sydney Water Board Standard

With Straight Union as illustrated or with ½" Elbow Union

Made in ½" inlet × ½" outlet, and ¾" inlet × ½" outlet.

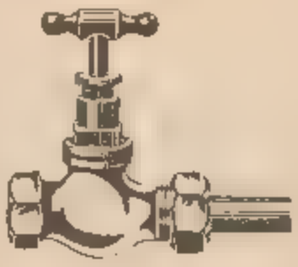


High Pressure Inverted Hose Cock
A5.

SYDNEY PATTERN

Made in ¾" only.

Supplied without nuts and tails, unless otherwise specified.

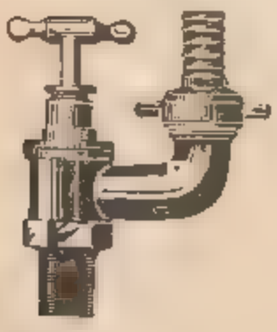


High Pressure Stop Cocks with Union
A11.

HEAVY WEIGHT FULLWAY

Australian Commonwealth Standard

Sizes: ½", ¾".



High Pressure Inverted Hose Cock
A6.

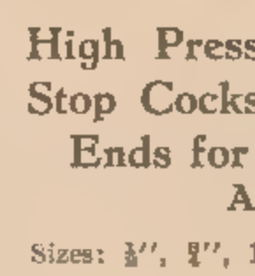
Sizes: ½", ¾", 1", 1¼", 1½", 2".

High Pressure Shower Cocks
A12.

Sydney Water Board Standard

Rough or Polished

Sizes: ½", ¾", 1", 1¼", 1½", 2".



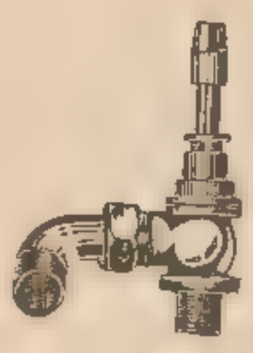
High Pressure Ferrule Stop Cocks with Male Ends for Iron Pipe
A15.

Sizes: ½", ¾", 1", 1¼", 1½", 2"

High Pressure Ferrule Stop Cocks with Male Ends for Iron Pipe
A16.

Perth Pattern

Sizes: ½", ¾", 1"



High Pressure Ferrule Stop Cocks with Bend Screwed Male for Iron
A17.

M.M B.W. Standard

Sizes: ½", ¾", 1", 1¼", 1½", 2".

High Pressure Main Stop Cocks for Iron Pipe with Elbow Union
A18.

Sizes: ¾", 1", ¾" × 1", 1" × 1¼".

High Pressure Main Stop Cock for Lead Pipe
A19.

Sydney Water Board Standard

Sizes: ¾", 1".

FOR HIGHEST QUALITY INSIST ON "DASPYL"

JOHN DANKS & SON PTY. LTD.

MELBOURNE AND SYDNEY

High Pressure Path Cocks for Iron Pipe

A30.

Sydney Water Board Standard

Sizes: ¾", 1", 1¼", 1½", 2", 2½", 3".
Also made in 1" inlet x ¾" outlet, both Female ends.

Press Button Spring Shower Cocks

A31.

NON-CONCUSSIVE
Sydney Water Board Standard
Used largely for showers in Swimming Baths, etc. Self-closing prevents waste of water.
Sizes: ½", ¾".

Press Button Spring Bib Cock

A32.

NON-CONCUSSIVE
Sydney Water Board Standard
Sizes: ½", ¾".

Right Angle Press Button Spring Cock A33.

Size: ¾".

To stop the jarring in Water Pipes when these Spring Cocks are shut off, use Concussion Jet fixed in the supply pipe about a foot away from the Spring Cock, it effectually stops all jar or hammer in the main.

Bib Pattern Press Button Spring Cock

A34.

Size: ¾".
Also with long nose as used for State Schools.
Size: ¾".

Press Button Spring Bib Cock

A35.

Size: ½".

Tank Cocks Brass Levers G.M. Plugs

A36.

Sizes: ½", ¾", ⅞", 1", 1¼", 1½", 2".

Walpole Self-Closing Cock

A37.

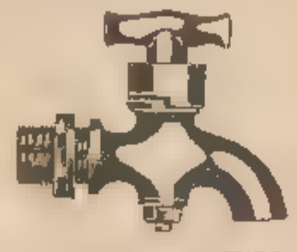
With Lever Specially Suitable for Tanks
Size: ¾"

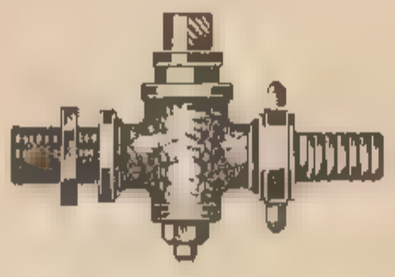
The Walpole Cock is fitted with an adjustable spring, which closes the tap the moment the handle is released, thereby minimizing the risk of water running to waste. The handle is also removable.

Walpole Self-Closing Cock with T-Head

A38.

Size: ¾".





Tank Cock (Straight)

A39.

With Union for Hose.
Sizes: ¾", 1", 1¼", 1½", 2", 2½", 3".
Also with Solid Plugs Tinned for Milk, etc.

Right Angle Non-Leak Tank Cock

A40.

Size: ¾".

Low Pressure Stop Cocks

A45.

Male and Female for Iron Tee Heads, G.M. Plugs.
Sizes: ½", ¾", 1".

Low Pressure Stop Cocks

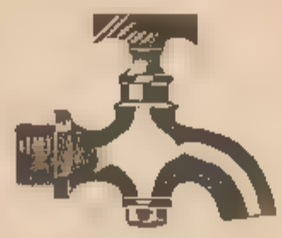
A46.

Tee Heads, Brass Plugs, Female both ends.
Sizes: ½", ¾", 1".

Danks' Patent Non-Leak Tank or Low Pressure Tap

A47.

Supersedes the Plug Tap. Has leather washer, which can be renewed in a few minutes.
Size: ¾".



Low Pressure Bib Cocks

A48.

For Iron Tee Heads, G.M. Plugs.
Sizes: ½", ¾", 1".

Lock-Up Tank Cocks

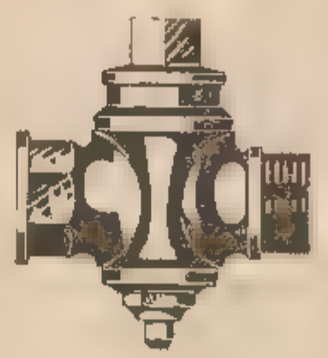
A49.

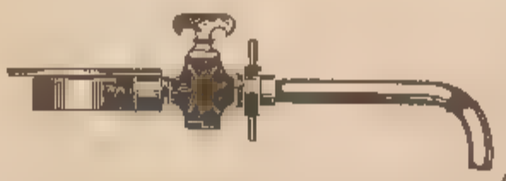
Brass Lever
Size: ½", ¾", 1".

Brass Main Cocks

A50.

FULL ROUND WAY
For Gas Mains and Low Pressure Water.
Sizes: ½", ¾", 1", 1¼", 1½", 2", 2½", 3", 4".
Also Medium Pattern.
Sizes: ¼", ⅜", ½", ¾", 1".





Milk Separator Cocks

A51.

(Nickel Plated)
The Cock may be had separate from the Pan.

Brass Main Cocks

A52.

With Tee Heads.
FULL ROUND WAY
For Gas Mains and Low Pressure Water.
Sizes: ½", ¾", 1", 1¼", 1½", 2".
Also Medium Pattern.
Sizes: ¼", ⅜", ½", ¾", 1".

Racking Cock

A53.

Heavy Strapped Pattern With Grated End.
Size: ¾".

Racking Cocks (Open Ends)

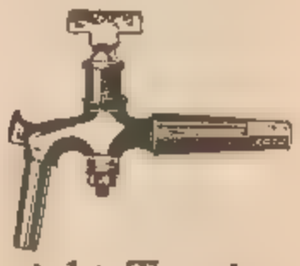
A54.

Sizes: ½", ⅝", ¾", ⅞", 1".

Bottling Cocks

A55.

Sizes: ½", ⅝", ¾", ⅞", 1".



Straight Tapping Cocks

A56.

With Unions.
Made in one size only.

Milk Cocks (Sydney Pattern)

A57.

Long Shank. Solid Plug to conform to Board of Health Regulations.
Polished Brass or Nickel Plated.
Sizes: ¾", 1".
Stocked by Sydney House only.

Milk Cocks

A58.

Right Angle, Hollow Plug.
Made in Gun Metal, tinned all over, and to suit Iron or Lead Pipe.
Sizes: ½", ¾", 1", 1¼", 1½", 2".

Milk Cocks

A59.

Male and Female Ends.
With Solid Plug.
Gun Metal Tinned.
Sizes: 1¼", 1½", 2", 2½", 3".

Milk or Cream Cocks

A60.

Gate Pattern.
With Distance Piece and Flange.
Gun Metal Tinned.
Sizes: 1½", 2", 2½", 3".

Milk or Cream Cocks

A61.

Pullover Slide.
With Distance Piece, Flange and Lock Nut.
Gun Metal Tinned.
Sizes: 1¼", 1½", 2", 2½", 3".

Molasses Gate

A62.

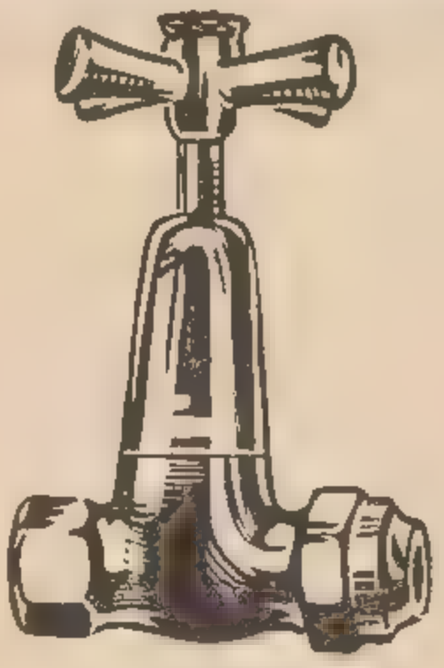
Lock-up Type.
For Treacle, Oil or other Heavy Liquids.
Sizes: ¾", 1", 1¼", 1½", 2".

Beautiful . . . Enduring . . . Modern

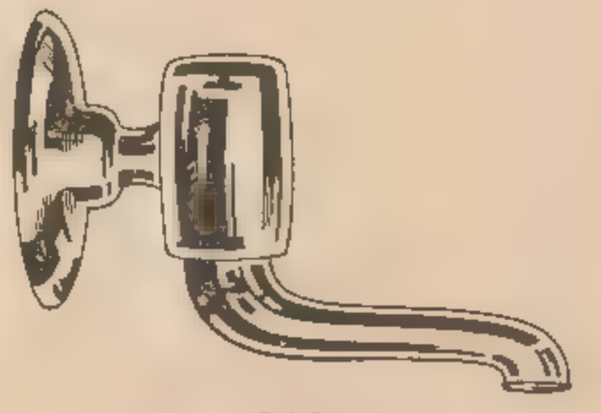
SIRDAR

DOMESTIC WATER FITTINGS

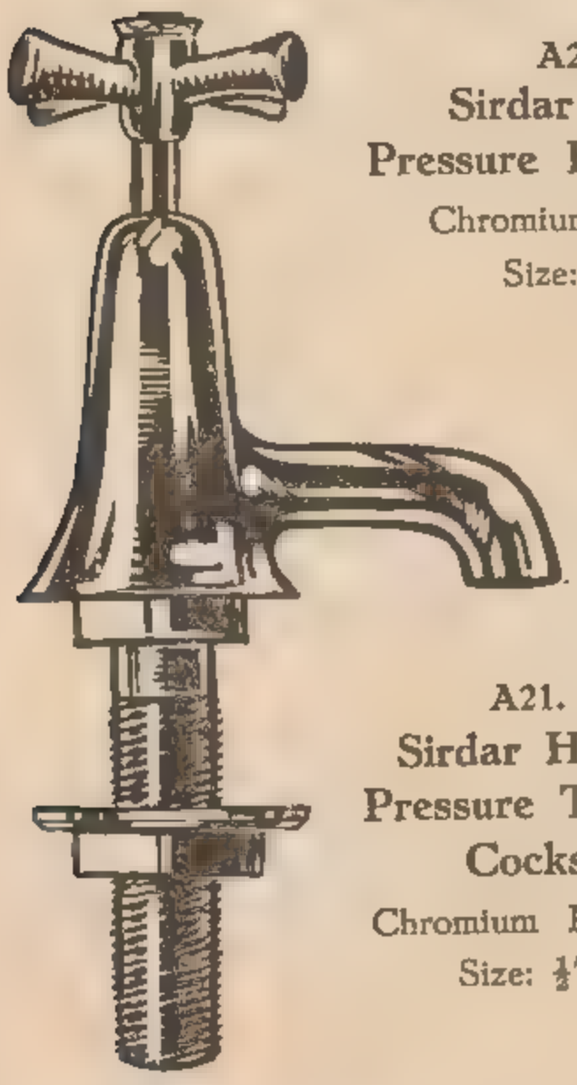
A25.
Sirdar Extension Piece
Chromium Plated.
Size: ½".



A23.
Sirdar High Pressure Stop Cock
With Evertite Union
Chromium Plated.
Size: ½" Gas to take ¾" Copper Tube.

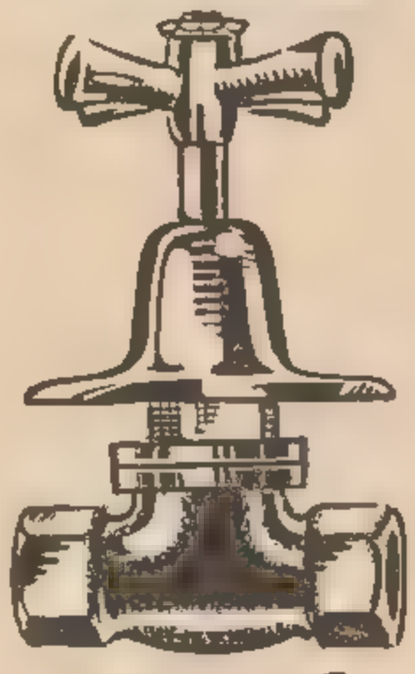


A26.
Sirdar Swivel Outlet
Chromium Plated.
Size: ½".



A20.
Sirdar High Pressure Bib Cocks
Chromium Plated.
Size: ½".

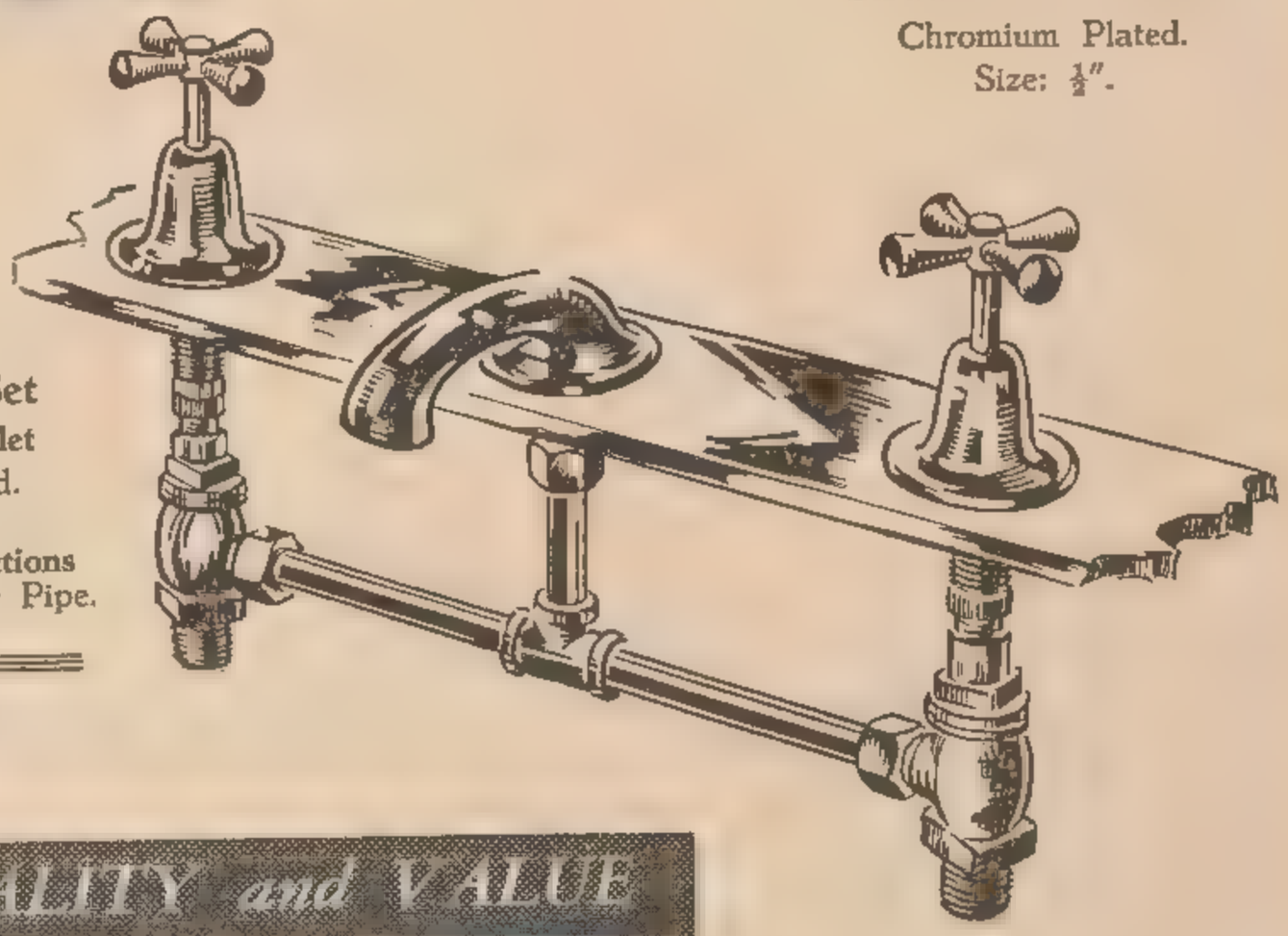
A21.
Sirdar High Pressure Toilet Cocks
Chromium Plated.
Size: ½".



A24.
Sirdar Concealed Stops
Chromium Plated.
Size: ½".
These Stops are for use in tiling work when pipes are to be concealed.

A27.
Sirdar Fixed Outlet
Chromium Plated.
Size: ½".

A22.
Sirdar High Pressure Stop Cocks
Chromium Plated.
Size: ½".



A28.
Sirdar Basin Set
With Fixed Outlet
Chromium Plated.
Size: ½".
Underneath Connections
Made in ½" Copper Pipe.

ORDER BY NUMBER, DO NOT CUT

Insist on SIRDAR for QUALITY and VALUE

JOHN DANKS & SON PTY. LTD.

MELBOURNE AND SYDNEY

TOILET COCKS

Toilet Cocks
A63.
HEAVY WEIGHT
Australian Commonwealth Standard
Nickel or Chrome Plated. China Disc marked Hot or Cold.
Also made to Sydney Water Board Standard.
Sizes: ½", ¾", 1".

Toilet Cock
A64.
MEDIUM WEIGHT
Nickel or Chrome Plated. China Disc marked Hot or Cold.
Sizes: ½", ¾".

Easy Clean Toilet Cocks
A65.
STANDARD PATTERN
Nickel or Chrome Plated. China Disc marked Hot or Cold.
Sizes: ½", ¾".

A66. Press Button Toilet Cock
Australian Comomnwealth Standard
Nickel or Chrome Plated. China Disc marked Hot or Cold.
Made in ½" only.

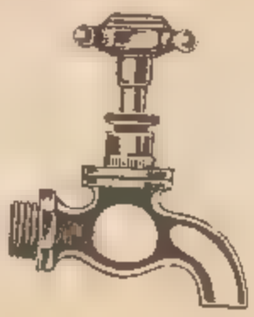
Cam-Action Toilet Cock
A67.
Nickel or Chrome Plated. China Disc marked Hot or Cold.
Sizes: ½", ¾".
Opens with half a turn and automatically shuts off when hand is removed. A great water saver, very popular for use in hotels, guest houses, etc.

A68. Bib Cocks
With Capstan Head
HEAVY WEIGHT
Australian Commonwealth Standard
Also to Sydney Water Board Standard.
Nickel or Chrome Plated. China Disc marked Hot or Cold.
Sizes: ½", ¾", 1".

Easy Clean Bib Cock
A69.
STANDARD PATTERN
Nickel or Chrome Plated. China Disc marked Hot or Cold.
Sizes: ½", ¾".

"DASPYL" means Quality

EASY CLEAN BIB COCK (T-Head)
A70.
STANDARD PATTERN
Nickel or Chrome Plated.
Sizes: ½", ¾".



Bib Cocks
With Capstan Heads
MEDIUM WEIGHT
A71.
Nickel or Chrome Plated. China Disc marked Hot or Cold.
Sizes: ½", ¾", 1".

Cam-Action Bib Cock
A72.
Nickel or Chrome Plated. China Disk marked Hot or Cold.
Sizes: ½", ¾".
Opens with half a turn and automatically shuts off when hand is removed. A great water saver and very popular for use in Hotels, Guest Houses, etc.

A73. Cam-Action Stop Cocks
Nickel or Chrome Plated. China Disc marked Hot or Cold.
Sizes: ½", ¾".

EASY CLEAN STOP COCKS
A74.
STANDARD PATTERN
Nickel or Chrome Plated. China Disc marked Hot or Cold.
Sizes: ½", ¾".

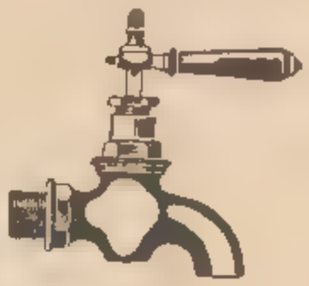
Easy Clean Stop Cocks (T-Head)
A75.
STANDARD PATTERN
Nickel or Chrome Plated.
Sizes: ½", ¾".

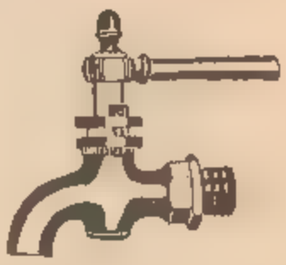
Easy Clean Stop Cock with Evertite Union
A76.
STANDARD PATTERN
Nickel or Chrome Plated. China Disc marked Hot or Cold
Sizes: ½" gas to take ¾" copper tube.

A77. Stop Cocks
With Capstan Heads
HEAVY WEIGHT
Australian Commonwealth Standard
Also to Sydney Water Board Standard.
Nickel or Chrome Plated. China Disc marked Hot or Cold.
Sizes: ½", ¾", 1".

Stop Cocks
A78.
With Capstan Heads
MEDIUM WEIGHT
Nickel or Chrome Plated. China Disc marked Hot or Cold.
Sizes: ½", ¾", 1".

Packed Gland Bib Cocks
A79.
For Iron Brass Levers.
Sizes: ½", ¾", 1".



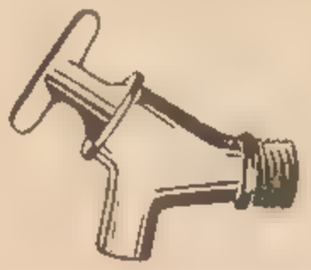


Hot Water Cocks
A80.
Ebony Handles
Quick Action. Polished.
Size: ½", ¾".

Urn Cocks
A81.
Polished Brass with Ebony Handles
Sizes: ⅜", ½", ¾", 1".
Can be supplied Nickel Plated if desired.

Fountain Cocks
A82.
Polished Brass
Sizes: ½", ⅝", ¾".

Filter Cocks
A83.
With Taper Thread.
Brass Polished
Sizes: ¼", ⅜", ½".
Also Nickel Plated.



Draw-off Cocks
A84.
For Kerosene, Oil, etc.
Size: Screwed ½" Gas. Finished in plain Brass or Nickel Plated.

LABORATORY FITTINGS

Laboratory Cock
A85.
With Flange and Bend

Laboratory Cock
A86.

Laboratory Cock
A87.
TREBLE

Laboratory Cock
A88.
SINGLE
Lever Handle.

DANKS' FOR BATHS AND BATHROOM ACCESSORIES

Laboratory Cock
A89.
Single Lever Handle.
With Flange.

Laboratory Cock
A90.
Double Right Angle Lever Handles.
With Flange.

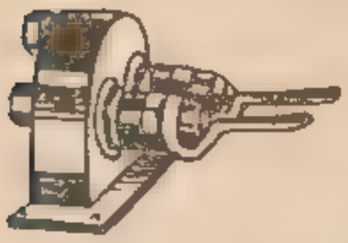
Laboratory Cock
A91.
Double Right Angle Lever Handles.
Without Flange.

Laboratory Cock
A92.
Double Right Angle.
Without Flange.

Laboratory Cock
A93.
Double Right Angle.
With Flange.

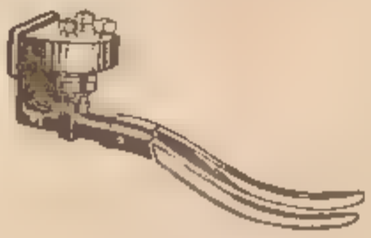
A94. Laboratory Cock
Double Straight-Through Lever Handles.
With Flange.

HOSPITAL COCKS



HOT AND COLD COMBINATION
Treadle Valves
A95.
Floor Pattern
For use in Hospitals.

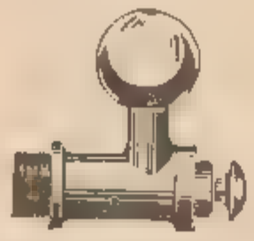
HOT AND COLD COMBINATION
Treadle Valves
A96.
Wall Pattern
For use in Hospitals.



Sanitary Drinking Faucets
A97.
Upright with Self-Closing Valve
Screwed ½" Gas.
Nickel Plated.

Press Button
A98.
Right Angle
Screwed ¾" Gas.
Nickel Plated.

For other patterns of Drinking Fountains and Faucets, see our Special Fountain Pamphlet.



BALL COCKS

Ball Cock
A99.
LAMBERT PATTERN
Made in Gun Metal to 4"; above that size in Cast Iron flanged with Gun Metal Valves.
This Ball Cock is a Fullway Type that works equally well at either high or low pressure.
Sizes: 1¼", 1½", 2", 2½", 3", 4", 5", 6", 7".

Ball Cocks
A100.
CROYDEN PATTERN
For High or Low Pressure.
Sizes: ½", ¾", 1", 1¼", 1½", 2", 2½", 3", 4".

A111. Ball Cocks
For Closet Cisterns, etc. M.M.B.W. STANDARD
Sizes: ½", ¾".

High or Low Pressure
The body of this Ball Cock is made in two pieces (see arrow) for the purpose of getting at the Valve and Valve Seat easily for any necessary repairs.

The "GILLESPIE" BALL VALVE
"DASPYL" MAKE

A120.

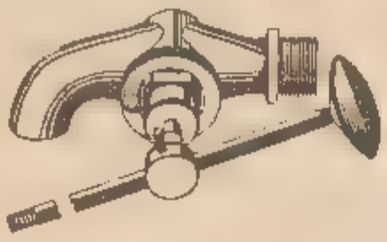
This Valve is quick in action, and gives a full flow as soon as it operates. It occupies less room in the trough or tank, as a six inch ball is sufficient for all sizes. No tools are required for adjustment. All washers can be changed by the fingers while the pressure is on.
NOTE.—The "Gillespie" Ball Valve requires the delivery pipe to be of the same size or larger than the valve.
Sizes: 1¼", 1½", 2".

A121. Booth's Equilibrium Valve
One of the most reliable Ball Cocks, has a full flow and requires only a short lever and small ball in all sizes. Sizes: 2" Screwed, 3" and 4" Flanged. Sydney House only.

A122. Ideal Float Valve
For use on Horse, Cattle and Sheep Troughs.
Low Pressure Fullway

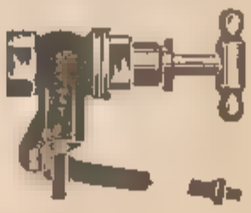
Will work under the lowest pressure.
Sizes: 1", 1¼", 1½", 2", 2½", 3".

A123. Ball Cocks



BIB PATTERN
High Pressure.
Sizes: ½", ¾", 1".
The Ball Cock is fitted with a Hot Water Valve, and is therefore very suitable for Hot Water Cisterns, etc.

Ball Cocks
A124.
PERTH PATTERN
Size ½"



UNIONS, BENDS, ETC.

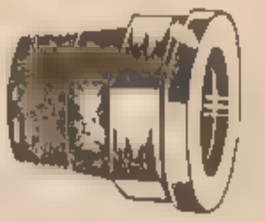
Straight Ferrule Union
A125.
For Lead Pipe
Male Ends, Ground Joint.
Sizes: ½", ¾", 1", 1¼", 1½", 2".
Can also be supplied with tail ribbed for hose.

Bent Ferrule Union
A126.
For Lead Pipe
With Ground Joint.
Sizes: ½", ¾", 1".

Bent Ferrules, Brass
A127.
For Iron Pipe
Sizes: ½", ¾", 1".

Brass Bends
A128.
As used in Service Connections of Copper Pipe.
Female both ends.
Approved by Sydney Water Board.
Sizes: ¾", 1", 1¼", 1½", 2".

Brass Bends
A129.
As used in Service Connections of Copper Pipe. Male and Female.
Approved by Sydney Water Board.
Sizes: ¾", 1", 1¼", 1½", 2".



Brass Adaptors
A130.
For connecting Copper Water Service Pipes to Main and Stop Cocks.
Approved by Sydney Water Board.
Sizes: ¾", 1", 1¼", 1½", 2", ¾" x ½", 1" x ¾", 1¼" x 1".

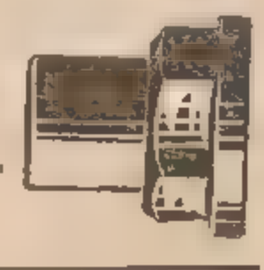
Straight Connections
A131.
For Lead and Iron Male Ends
Sizes: ½", ¾", 1".

Straight Connections
A101.
For Lead and Iron
Female Ends.
Sizes: ½", ¾", 1".

Plumbers' Unions
A132.
Ground Joint for Lead Pipe
Sizes: ½", ¾", 1".

Caps and Linings
A133.
Strong for Water.
Sizes: ½", ¾", 1", 1¼", 1½", 2", 2½", 3".

Caps and Linings
A134.
Gas for Iron.
Sizes: ¼", ⅜", ½", ¾", 1", 1¼", 1½", 2".



Ball Cocks forwarded complete with Balls unless otherwise specified

JOHN DANKS & SON PTY. LTD.

MELBOURNE AND SYDNEY

Union for Toilet Cocks
A135.

Made in ½" only.
Stocked by Sydney House only.

Barrel Unions
A136.

Female for Brass
Sizes: ¼", ⅜", ½", ⅝", ¾", 1".

Barrel Unions, Brass
A137.

Male and Female for Iron
Sizes: ¼", ⅜", ½", ¾", 1", 1¼", 1½", 2".
Also Male and Female for Brass.
Sizes: ⅜", ½", ⅝", ¾", 1".

Barrel Unions, Brass
A138.

Female Ends, Ground Joints
Sizes: Gas, ¼", ⅜", ½", ¾", 1", 1¼", 1½", 2".

Gas Union
A139.

IRON AND COMPO.
Tinned and Screwed Female
Sizes: ½", ¾", 1", 1¼", 1½", 2", 2½", 3".

Brass Main Bushes, Taper
A140.

Sizes: ¾" x ½", 1" x ¾".
A very handy bush for C.I. Mains when fixing New Services in Old Tappings.

Extension Piece for Bib Cocks
A141.

Nickel and Chrome Plated.
Sizes: ¾" x 2", ¾" x 4".
Melb. Pattern Round Socket End.
Sizes: ½" x 2", 3", 4", 6". ¾" x 2", 3", 4", 6".

Sydney Water Standard in Brass.

Brass Breeching Pieces
A142.

Sizes: ¾" x 1", ¾" x 1¼", 1" x 1¼", 2" x 1", 1½" x 1", 1½" x ¾". 1½" x 1" 1¼" x ¾".
Stocked by Sydney House only.

Matching Piece
A167.

Sizes: ½", ½" x ¾", ¾", ¾" x ½", 1", 1" x ¾".
Other sizes available if required.

Shower Bath Valves
A143.

Sizes: 1¼", 1½", 2", 2½", 3".

Plugs & Washers
A144.

M.M.B.W. Standard
2" Fullway.
Short Pattern for C.I. Sinks.

Plugs & Washers
A145.

M.M.B.W Standard
Long Pattern for Fireclay Sinks.
Also Sydney Water Board Standard for Cement Troughs.

Plugs & Washers
A146.

Nickel Plated. 2" Fullway for Enamelled Baths. If required for 1½" waste we can supply a Reducing Piece.
Made with Brass or Rubber Plugs as desired.

Plugs & Washers
A147.

For Sheet Iron Baths With Bar Gratings.
Sizes: 1½", 1½", 1¾", 2", 2½", 3".
Also supplied with Rubber Plugs.

Plugs & Washers
A148.

For Troughs, Shallow, Light Pattern.
Sizes: 1½", 1¾", 2".

Plugs & Washers
A149.

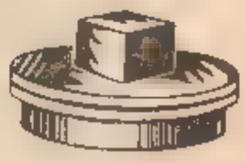
For Troughs
Deep and Heavy, Square.
Sizes: 1½", 1¾", 2", 2½", 3"
1½" and 2" also made M.M.B.W Standard Fullway.

Plugs & Washers
A150.

For Earthenware Basins
With or Without Overflow.
Sizes: 1¼" Way, with O/F.
1½" Way, with O/F.
1¼" Way, without O/F.
1½" Way, without O/F.
Also Long Pattern for Pedestal Basins.

Trap Screws
A151.

SQUARE HEAD
Sizes: ¾", 1", 1¼", 1½", 1¾", 2", 2½", 3", 4", 5", 6".



Trap Screws
A152.

BAR HEAD
Sizes: ¾", 1", 1¼", 1½", 2".

Copper Shower
A153.

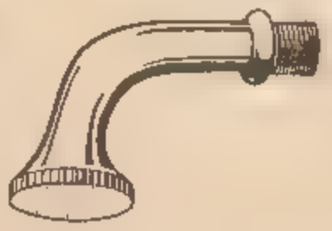
Nickel & Chrome Plated Polished Copper. Screwed ½", ¾" & 1" Gas.
Sizes: 6", 7", 8", 9", 10", 12".

Mixing Shower
A154.

Nickel Plated
Sizes: 8", 9", 10".

Ball Jointed Shower
A155.

Nickel and Chrome Plated
Sizes: 4½", 6".



Shampoo Spray
A156.

Nickel Plated
With or without Regulating Screw.

Brass Shampoo Rose
A157.

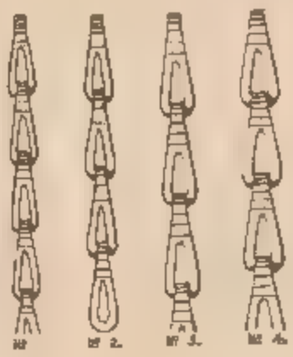
Nickel Plated

Shower Arm
A158.

Nickel or Chrome Plated

Brass Chain Stays
A159.

Nickel Plated
Also Brass Chain and Ball Chain, Nickel Plated, for use on Baths and Basins.



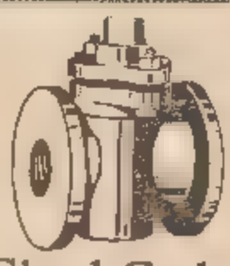
Brass Chandelier Chain
A160.

Made in four sizes in Brass and Nickel Plated. Stocked in boxes containing 36 ft.

CYANIDE COCKS

Packed Gland Cock
A170.

All iron, flanged.
Sizes: 1½", 1½", 2", 2½", 3", 4".



Packed Gland Cock
A171.

For Cyanide.
All Iron Screwed Female
Sizes: ½", ¾", 1", 1¼", 1½", 2", 2½", 3", 4".

Cast Iron Main Cock
A172.

For Cyanide, etc.
Sizes: ¾", ⅝", ½", ¾", 1", 1¼", 1½", 2", 2½", 3", 4".

Fullway Gate Valve
A173.

All Iron, Flanged
Sizes: 2", 2½", 3", 3½", 4", 5", 6".

Syphon Pot for Gas Mains
A174.

2 Quart Screwed.
4 Quart Screwed.
For Cast Iron Main.

Easy Clean Extension Piece
A161.

Nickel Plated
Sizes: ½", ¾".

Neo Chrome Extension Piece
A162.

Size: ½".

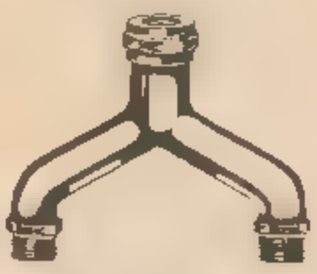
Side Outlet Breeching Piece
A163.

Size: ½".

Shower Breeching Pieces
A164.

WITH UNION

Nickel and Chrome Plated.
Size: ½".



Shower Breeching Piece
A165.

Nickel and Chrome Plated.
Sizes: ½" with 5" centres; ¾" with 6" centres.

Straight Breeching Piece
A166.

Size: ½".

BRAZING METAL
Hot Water Fittings

The attention of our clients is particularly called to the following description of Hot Water Fittings to avoid mistakes, as a different standard rules in Melbourne from that in Sydney. The sizes given opposite each article refer to Melbourne Standard only.

Melbourne Standards

Fittings are screwed Gas Standard Threads. The sizes given refer to the outside diameter of the Copper Tube which the fittings suit.

Sydney Standards

All Fittings, ½" to 1½", are screwed Gas, sizes and threads, and work out as follows:—

Outside dia of Copper Tube—	12/16	1	1¼	1⅝	1⅞	14 gauge
will screw	½	¾	1	1¼	1½	gas thread and size.

Brazing Metal Tees
A180.

To suit Copper Tube Outside Diameter.
Size: ½", ¾", 1", 1¼", 1½", 2".
If required, screwed 19 threads.

Brazing Metal Elbows
A181.

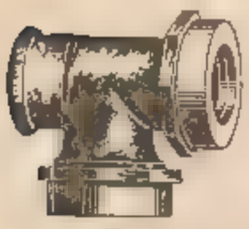
To suit Copper Tube outside diameter.
Sizes: ½", ¾", 1", 1¼", 1½", 2".
If required, screwed 19 threads.

Brazing Metal Sockets
A182.

To suit Copper Tube outside diameter.
Sizes: ½", ¾", 1", 1¼", 1½", 2".
If required, screwed 19 threads.

Brazing Metal Tees
With Single Union
A183.

Fitted with loose B.M. Ring.
All to suit outside diameter of Copper Tube.
Tube sizes: ½", ¾", 1", 1¼", 1½", 2".
If necessary, use reducing B.M. Rings.



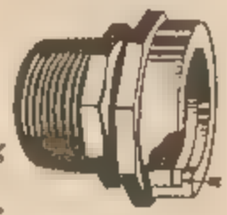
Brazing Metal Tees
With Double Unions
A184.

Fitted with loose B.M. Rings.
All to suit outside diameter Copper Tube.
Tube Sizes: ½", ¾", 1", 1¼", 1½", 2".
If necessary, use Reducing B.M. Rings.

Brazing Metal Unions
A185.

MALE AND FEMALE

Arrow points to loose B.M. Ring for brazing to Tube.
Tube sizes: ½", ¾", 1", 1¼", 1½", 2".



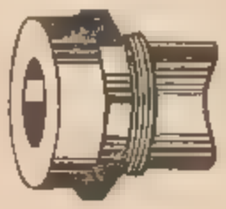
Brazing Metal Unions
A186.

FEMALE ENDS

Arrow points to loose B.M. Ring for brazing to tube.
Tube sizes: ½", ¾", 1", 1¼", 1½", 2".

Brazing Metal Saddling Unions
A187.

Sizes: ¾", 1".



Brazing Metal Unions
A188.

FEMALE ENDS

All to suit outside diameter Copper Tube.
Tube sizes: ½", ¾", 1", 1¼", 1½", 2".
Obtainable, screwed 19 threads.

Brazing Metal Unions
A189.

MALE AND FEMALE

All to suit outside diameter Copper Tube.
Tube sizes: ½", ¾", 1", 1¼", 1½", 2".
Obtainable, screwed 19 threads.

Brazing Metal Bushes
A190.

All to suit outside diameter of Copper Tube.
Sizes: ¾" x ½", 1" x ¾", 1" x ½", 1½" x 1", 1¼" x ¾", 1¼" x ½", 1½" x 1¼", 1½" x 1", 1½" x ¾", 2" x 1½", 2" x 1¼", 2" x 1".

We also make Bushes, External Gas Thread by Copper Tube sizes.
Obtainable, screwed 19 threads.

Brazing Metal Socket Bushes
A191.

Sizes: ½" I. x ½" C., ½" I. x ¾" C., ¾" I. x 1" C., 1" I. x 1¼" C.

Brazing Metal Nipples
A192.

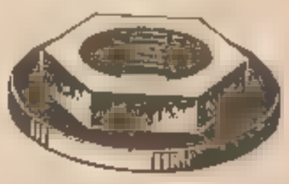
Sizes: ½", ¾", 1", 1¼", 1½", 2".

Brazing Metal Nipples
HEXAGON CENTRE
A193.

Sizes: ½", ¾", 1", 1¼", 1½", 2".

Brazing Metal Flanged Nuts
A194.

All screwed in Gas Threads to suit outside diameter of Copper Tube.
Sizes: ½", ¾", 1", 1¼", 1½", 2".

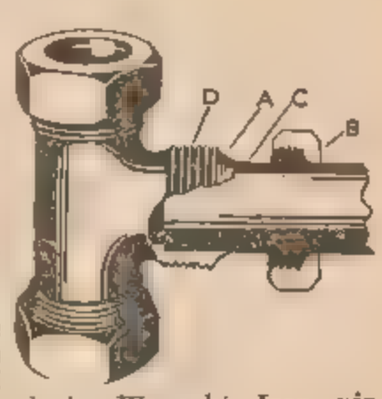


Brazing Metal Rings
A195.

To suit Unions on Union Tees
Sizes: ½" x ½", ¾" x ¾", ¾" x ½", 1" x 1", 1" x ¾", 1¼" x 1¼", 1¼" x 1", 1½" x 1½", 1½" x 1¼", 1½" x 1", 2" x 2", 2" x 1½".

The "TITON"
Compression Coupling
A196.

The advantage of the "Titon" Compression Coupling over other couplings is its special design, which ensures a perfect joint by simply tightening the nut. No loose rings (to be mislaid) or packing required.



NOTE.—All fittings are screwed Standard Gas Thread, and any end can thus be fitted direct to Wrought Iron pipe Socket, if desired.

Tee Coupling
A197.

TREBLE NUT

All Ends for Copper Tube.
Sizes: ½", ¾", 1", 1¼", 1½", 2".

JOHN DANKS & SON PTY. LTD.

MELBOURNE AND SYDNEY

"TITON" Tee Coupling
A198.

TREBLE NUT REDUCING

All ends for Copper Tube. Sizes: ⅜" x ½", 1" x ½", 1" x ¾", 1¼" x ⅝", 1¼" x ¾", 1¼" x 1", ¾" x ½" x ½", 1" x ¾" x ¾".

Australian Commonwealth Standard

Copper Tube suitable for Compression Joints approved by M.M.B.W.

External Diameter Inches	Wall Thickness S.W.G.	Calculated Weight Lb. per lin. ft.
⅜	19	0.22
½	18	0.41
1	18	0.55
1¼	16	0.92
1½	16	1.11
2	16	1.50

Elbow Coupling
A199.

DOUBLE NUT

Both ends for Copper Tube. Sizes: ½", ¾", 1", 1¼", 1½", 2", ¾" x ½", ½" Gas Female x ½" Copper Tube, ½" Gas Female x ¾" Copper Tube, ¾" Gas Female x 1" Copper Tube, ½" Gas Male x ½" Copper Tube, ¾" Gas Male x ¾" Copper Tube, ¾" Gas Male x 1" Copper Tube.

Straight Coupling
A200.

SINGLE NUT

For Copper Tube and Iron Pipe. Sizes: ½" Gas Male x ½" Copper Tube, ½" Gas Male x ¾" Copper Tube, ¾" Gas Male x 1" Copper Tube, 1" Gas Male x 1¼" Copper Tube, 1¼" Gas Male x 1½" Copper Tube, 1½" Gas Male x 2" Copper Tube, ½" Gas Female x ½" Copper Tube, ½" Gas Female x ¾" Copper Tube.

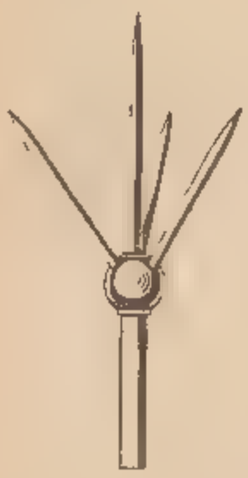
Variations in these sizes can be made to specification.

Straight Coupling
A220.

DOUBLE NUT

Both ends for Copper Tube. Sizes: ½", ¾", 1", 1¼", 1½" 2".

Lightning Conductor Tridents
A221.



These are made in Copper with four points Platinum tipped, and are the type approved of by the Explosives Department.

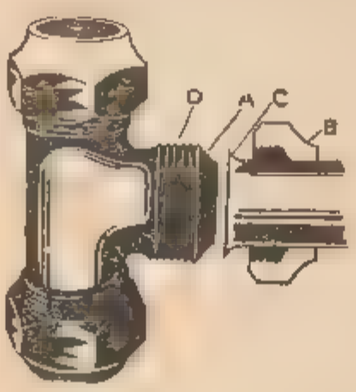
Copper Wire Rope for same, ⅜" diameter or 1¼" circumference, and ⅜" diameter or 1½" circumference.

Copper Earthplates, 3 ft. x 3 ft. x 1-16th".

A222.

Copper Hooks for fastening Rope
Copper Tape, 1" x ⅛".
Copper Dogs for same.

THE "EVER-TITE" Compression Coupling
A223.



The "Ever-Tite" is a high pressure Compression Coupling for copper tube connections; supplied tested by the M.M.B.W. when required.

All fittings are screwed Standard Gas Thread, and any end can thus be fitted to Wrought Iron Pipe Socket if desired.

Tee Couplings
A224.

TREBLE NUT

All ends for Copper Tube. Sizes: ½", ¾", 1", 1¼", 1½", 2".

Tee Coupling
A225.

TREBLE NUT REDUCING

All ends for Copper Tube. Sizes: ¾" x ½" x ½", ¾" x ¾" x ½", 1" x ¾" x ¾", 1" x 1" x ½", 1" x 1" x ¾", 1¼" x 1¼" x ¾", 1¼" x 1¼" x 1".

Elbow Coupling
A226.

DOUBLE NUT

Both ends for Copper Tube. Sizes: ½", ¾", 1", 1¼", 1½", 2".

Straight Coupling
A227.

SINGLE NUT

For Copper Tube and Iron Pipe.

Sizes: ½"	Gas	Male	x	½"	Copper Tube
½"	Gas	Male	x	¾"	Copper Tube
¾"	Gas	Male	x	¾"	Copper Tube
¾"	Gas	Male	x	1"	Copper Tube
1"	Gas	Male	x	1"	Copper Tube
1"	Gas	Male	x	1¼"	Copper Tube
1¼"	Gas	Male	x	1¼"	Copper Tube
1½"	Gas	Male	x	1½"	Copper Tube
2"	Gas	Male	x	2"	Copper Tube

Straight Coupling
A228.

DOUBLE NUT

Both ends for Copper Tube Sizes: ½", ¾", 1", 1¼", 1½", 2".

Tee Coupling
A229.

For Copper Tube with Iron Pipe Branch.
Sizes: ½" I. x ¾" C.
Sizes: ½" I. x ½" C.

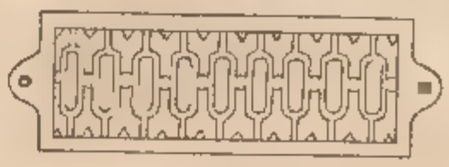
Elbow Coupling
A230.

Sizes: ½" Copper x ½" Iron
¾" Copper x ½" Iron.

Elbow Coupling
A231.

Sizes: ½" Copper x ½" Iron
¾" Copper x ½" Iron.

BRASS FITTINGS



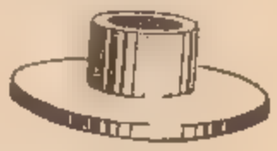
Brass Vents
A232.

Size: 9" x 3". Rough, Polished or Plated.

Sydney House only.

Brass Cylinder Plates
A233.

Sizes: ½", ¾", 1", 1¼", 1½", 2".



Brass Caps
A234.

Sizes: ¼" to 2".

Brass N.A.S. Unions
A235.

FEMALE

Sizes: ⅜" to 2".
Sydney House only.

Brass N.A.S. Unions
A236.

MALE AND FEMALE
Sizes: ⅜" to 2".
Sydney House only.

Gun Metal N.A.S. Unions
A237.

FEMALE AND MALE AND FEMALE

Sizes: ⅜" to 2".
Sydney House only

Garage Swivel
A238.

Sizes: ½", ¾", 1".

This fitting, as well as being used for car washing, can be adapted to any use where swivel action is required.

Brass Elbows
A239.

FEMALE
Sizes: ¼" to 3".
Plain and Reducing

Brass Elbows
A240.

MALE AND FEMALE
Sizes: ½" to 2".

Brass Bends
A241.

MALE
Sizes: ½" to 2"

Brass Bends
A242.

MALE AND FEMALE
Sizes: ⅜" to 2".
Brass Bends may also be had in Double Female.

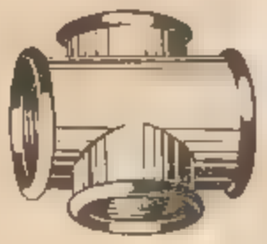
Brass Tees
A243.

Straight Through and Reducing
Sizes: ¼" up to 4".

DANKS' FOR ENGINEERS' TOOLS AND REQUIREMENTS

Traps, Junctions, Grates, Etc.

Brass Crosses
Straight Through and Reducing
A244.
Sizes: ¼" to 2".



Brass Sockets
A245.
Sizes: ⅜" to 3"

Brass Elbows
A246.
WITH LUGS
Size: ½".

Brass Hexagon Sockets
A247.
Sizes: ⅜" to 3".

Plain Brass Sockets
A248.
Sizes: ⅜" to 1"

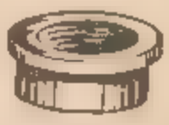
Brass Nipples
A249.
Sizes: ¼" to 3".

Brass Hexagon Nipples
A250.
Sizes: ¼" to 3".
And reducing sizes.

Brass Hexagon Bushes
A251.
Sizes: ¼" to 3".

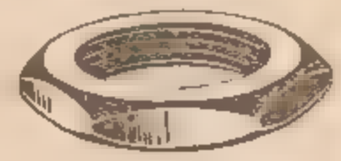
Brass Bushes
A252.
Sizes: ¼" to 2"

Gun Metal Cylinder Bosses
A253.
Sizes: Govt. Pattern, ½" to 2";
Light Pattern, ½" to 2".



Brass Plugs
A254.
SCREWED GAS
Long Taper (as shown).
Sizes: ⅜", ½", 1"; Short: ¼" to 3".
Sydney House size: ¼" up to 4"

Brass Lock Nuts
A255.
Sizes: ¼", ⅜", ½", ¾", 1", 1¼", 1½", 2", 2½", 3", 4".



Brass Flanges
A256.

Sizes: ½" to 3".
Also Brass Flanges.
Table D Sizes: ½" to 4". Obtainable from Sydney House.

Brass Traps
A257.
With Trap Screw
Both Ends Female.
P Pattern.
Sizes: 1¼", 1½", 2", 2½", 3".
Sizes without Trap Screw: 1½", 2".

Brass Traps
A258.
With Trap Screw

Both Ends Female.
S Pattern.
Sizes: 1¼", 1½", 2".

Brass Traps
A259.
With Loose Nut and Trap Screw
Outlet Ends Female.
P Pattern
Sizes: 1¼", 2"

Brass Traps
A260.
With Loose Nut and Trap Screw
Outlet Ends Female.
S Pattern.
Sizes: 1¼", 2".

ORDER BY NUMBER ONLY
DO NOT CUT CATALOGUE

Brass Traps
A261.
With Loose Nuts and Trap Screws
S Pattern
Sizes: 1¼", 1½" x 1¼", 1½" and 2".
Stocked by Sydney House only.

A262. Brass Traps
With Loose Nuts and Trap Screws
P Pattern
Sizes: 1¼", 1½" x 1¼", 1½" and 2".
Stocked by Sydney House only.

Hospital Trap
A263.
With Trap Screw
Specially designed for use above floors.
Sizes: 2", 2½".

Brass Elbows
A264.
Sizes: 1¼", 1½", 2" in 15, 30, 45, 60, 75, 85 and 88½ degrees.
Sizes: 2½" and 3" in 45, 75, 85 and 88½ degrees.

Brass Outlets
A266.
For Two Compartment Cement Wash Troughs.
Country Pattern: 1½".
M M B.W. Pattern: 2".

Brass Elbows
A265.
With Trap Screw.
Sizes as No. A264

Brass Junctions (Fullway)
A267.
Also 2" x 45 Double Junctions.

Dia. of Pipe	Dia. of Branch	Angle
1¼"	1¼"	45, 75, 85, 88½
1½"	1¼"	45, 75, 85, 88½
1½"	1½"	45, 75, 85, 88½
2"	1¼"	45, 75, 85, 88½
2"	1½"	45, 75, 85, 88½
2"	2"	45, 75, 85, 88½
2½"	1¼"	45, 75, —, 88½
2½"	1½"	45, 75, —, 88½
2½"	2"	45, 75, 85, 88½
2½"	2½"	45, 75, 85, 88½
3"	1"½	45, 75, —, 88½
3"	2"	45, 75, 85, 88½
3"	2½"	45, 75, 85, 88½
3"	3"	45, 75, 85, 88½

Brass Junctions
A268.
With Inspection Opening
Also 2" x 45 Double Junctions.

Dia. of Pipe	Dia. of Branch	Angle
1¼"	1¼"	45, 75, 85, 88½
1½"	1¼"	45, —, 85, 88½
1½"	1½"	45, 75, 85, 88½
2"	1¼"	45, 75, 85, 88½
2"	1½"	45, 75, 85, 88½
2"	2"	45, 75, 85, 88½
2½"	1½"	—, —, , 88½
2½"	2"	45, 75, 85, 88½
2½"	2½"	45, 75, 85, 88½
3"	1½"	45, —, —, 88½
3"	2"	45, 75, 85, 88½
3"	2½"	45, 75, 85, 88½
3"	3"	45, 75, 85, 88½

Brass Junctions
A269.
PARALLEL
Plain and with Inspection Opening

Dia. of Pipe		Dia. of Branch
1¼"	x	1¼"
1½"	x	1¼"
1½"	x	1½"
2"	x	1¼"
2"	x	1½"
2"	x	2"

Brass Junctions
A270.
Angle: 45°, 88½°.
Plain and with Inspection Opening.

Dia. of Pipe		Dia. of Branch
1¼"	x	1¼"
1½"	x	1¼"
1½"	x	1½"
2"	x	1¼"
2"	x	1½"
2"	x	2"

We can also supply Double Brass Junctions, plain only. Angle 45°/88½°.
Sizes: 1½" x 1¼", 1½" x 1½", 2" x 1½", 2" x 2".

Brass I.O. Sockets
A271.
Sizes: 1¼", 1½", 2", 2½", 3".

Brass Sanitary Sockets
A272.
With Large Access Door
Sydney House only.
Sizes: 2", 2½". 3".

JOHN DANKS & SON PTY. LTD.

Ext. Pieces for Brass Traps
A273.

Size	Lengths
1¼" x 2",	3", 4", 6"
1½" x 3",	4", 6"
2" x 3",	4", 6", 8", 9", 12"
2½" x 3",	4", 6", 9"
3" x 3",	4", 6", 9"

Brass Nut and Tail Reducing Pieces
A274.

Nut is screwed to suit 2" Fullway thread with Tailpiece screwed 1½" Standard Male Thread.
Also made with nut screwed 2" Standard and Tailpiece 1½" Standard Thread.

Brass Reducing Piece
A275.

For Brass Traps
Male and Female.
Sizes: 2" x 1½".
Standard Gas Threads.

Caps and Linings
(Plain)
A276.

Sizes: 1¼", 1½", 2" and 2" Fullway.

Male End Caps and Linings
A277.

Sizes: 1¼", 1½", 2" Fullway and 2½", 3".
Also made in 1½" for Cisterns Screwed 1¼" on Tail.

Caps and Linings
ADJUSTABLE
A278.
(Brass)

Sizes: 1¼", 1½", 2".

Brass Socket Connections
A279.

For connection on Lead Pipe to Iron.
Made with Screwed End, Female.
Sizes. 1¼", 1½", 2".

Slip Thimbles
(Brass)
A280.

For connecting Sheet Iron Pipe to Lead.
Sizes: 1½", 2", 2½".

Brass Ferrules
A281.

Beaded for C.I. Pipe and Lead Pipe.
Sizes: 2", 2½", 3", 4".

Brass Ferrules
A282.

Plain for Lead Pipe to Sheet Iron Vent Pipe.
Sizes: 2", 2½", 3", 4".

Floor Wastes
A283.

For Lead Floors
Sizes: 1¼", 1½", 2".

Hospital Pattern Floor Waste
A284.

Sizes: 2", 2½", 3".
The top of this waste is removable by taking out set screws.

Cup Pattern Floor Waste
A285.

The grating in this waste screws into the body.
Made in 2" size only.

Grates
A286.

(Brass Bar)

Sizes: 1¼", 1½", 1¾", 2", 2¼", 2½", 2½", 3", 3½", 4", 4½".

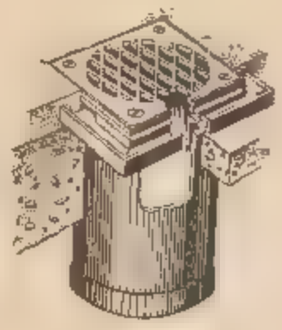
Flush Screwed Grating
A287.

Trap Screw Pattern in Cast Brass
Sizes: 3", 3½", 4".
Sydney House only.

Screwed Floor Wastes
A288.

Public Works Pattern

Made in 3" only.



Youngson's Grate
A289.

Stocked by Sydney House only.
This fitting has been designed to make a good connection with the "Palazzi" Gully Riser, preventing seepage and making holes or depressions in the floor around it. The square pattern top is more adaptable with tiling than the round grate. It is adjustable to exact floor level, and saves cost on the plumbing and floor laying work. The grid can be easily removed for access to gully.

Wright's Pattern Drained Grates
A290.

Reg. No. 7351.
A favoured Grate, made with both Round and Square Tops, for use on floor level of Bathrooms, Laundries, Lavatories, etc.

Approved by the Water, Sewerage and Drainage Board of Sydney. Made in 4" only.

Flap Valves
A291.

For Floor Wastes, etc.
Sizes: 1¼", 1½", 2".

Domed Urinal Wastes
A292.

Standard Patterns.
Sizes: 2", 2½".

Double Union Urinal Tees
A293.

Female Standard Gas Thread

Loose Rings in Unions to fit Copper Tube.

Sizes: Iron	Copper
1¼" x	1"
1¼" x	¾"
1" x	1"
1" x	¾"
¾" x	¾"

URINAL SPREADERS

Button Pattern
A294.

Screwed ¾" Brass Thread.

Union Pattern
A295.

With Lugs
¾" Copper Tube size.

Button Pattern
A296.

With Lugs
Size: ½" and ¾" Iron.

Flat Pattern
A297.

Size: ¾" Iron.

Brass Urinal Caps
A298.

Screwed Gas Thread.
Sizes: ½", ¾".

"PALAZZI" BRASS GULLIES
Stocked by Sydney House only

By a suitable arrangement of waste pipes and the use of the "Palazzi" Brass Gullies, the cost of installing lavatory ranges can be materially diminished—particularly in tall buildings, where a further economy may be effected by the omission of many of the vent pipes usually fitted. If desired, these gullies may with safety be placed in floors that are only 8" thick, without any portion showing through the ceiling. Single and double inlet risers, inlets of which are screwed 2", are furnished as accessories to enable a basin, bath or other waste pipe to be connected. All inlets and outlets are at an angle of 95 degrees, giving a grade of about 1 in 14. Suitable plain risers and gratings are supplied when required, as well as a screwed extension ferrule, the latter being used when it is desired to connect the outlet to a cast-iron pipe. The gullies all have 4" inlets, but may be supplied with 2", 2½", and 3" outlets. Where they are used with double inlet risers, the size having a 3" outlet is recommended.

"Palazzi" Brass Gullies and Risers
A310.

Patent No. 18719
Stocked by Sydney House only.
Sizes: 4" x 2", 4" x 2½", 4" x 3"

"Palazzi" Double Inlet Riser
A311.

Size: 4" x 2".

"Palazzi" Single Inlet Riser
A312.

Size: 4" x 2".

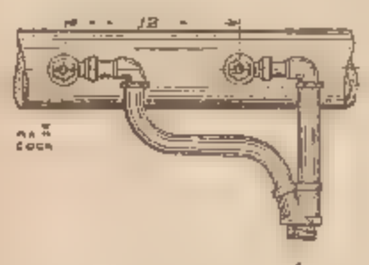
Riser Extension
A313.

With Trap Screw Grating
Suitable for the extension of No.
Size: 4" x 6", 9", 12" in length.

"Palazzi" Brass Ferrule
A314.

For connecting W.I. Pipes to Cast Iron Soil Pipe Fittings.
Sizes: 2", 2½", 3".

"PALAZZI" BREECHING CONNECTION
A315.
Stocked by Sydney House only.



These connections are designed for use on 1½" and 2" water services, and are furnished with two 1" main cocks at the inlet ends, and a "Y" piece threaded externally to take 2" wrought iron pipe, and 1½" internally to take 1½" pipe at outlet. The copper pipes intervening between main cocks and "Y" pieces are screwed together and sweated at all joints. The curved branch and annealing of the copper tube enables the plumber to readily adjust the unions to any slight variation in the position of main cocks.

Order by Number Only—
DO NOT CUT CATALOGUE

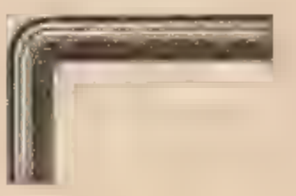
Lead Traps with Cleaning Screws

Lead S Trap
A316.
Sizes: 1¼", 1½", 2", 2½", 3", 4".

Lead P Trap
A317.
Sizes: 1¼", 1½", 2", 2½", 3", 4".

Lead P Traps
A318.
With Long Outlets
Sizes: 1¼", 2".
May be had without Cleaning Screw if required.

Lead Bends
A319.
Equal and Unequal
Sizes: 1½", 2", 3", 4".



Lead Pedestal Traps
A320.
Sizes: 1¼", 1½", and 2".

Sockets
A321.
Cast Lead or Brass.

For Closet Pans with 4" Outlets.
Lead Sockets for Slop Hoppers, 3" Outlets.

Lead Caps
A322.
For Sealing Vent Horns on Pans.
Sizes: 3¼", 3½"

Lead Cones
A323.
For Flush Pipes or Vent Horns of Closet Pans.
Sizes: 2¾" x 1½", 3", 3½" x 1½", 3¼" x 1½", 3½" x 2", 3¾" x 2".

Lead Tacks
A324.
For Lead Pipes
Sizes: 1¼", 1½", 2", 2½", 3", 4"

Lead Seals
A325.
Used by Sewerage Authorities for fixing to Cisterns when tested.

Copper Connections
A326.
WITH ROLLED ENDS

½" Nut both ends and Matching Piece for ½" Iron Pipe.

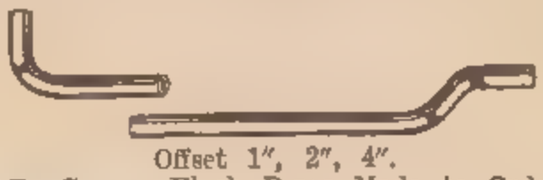
Copper Basin Connection
A327.
M.M.B.W. PATTERN

Size: ½" x 14½" long.
One ½" Nut, one ¾" Nut and Matching Piece for ½" Iron Pipe.

Copper Cistern Connection
A328.
M.M.B.W. PATTERN

Size: ½" x 12½" long.
One ½" Nut, one ¾" Nut.

Galvanised Sheet Iron Flush Pipes
A329.



Offset 1", 2", 4".
N.P. Copper Flush Pipes Made to Order.

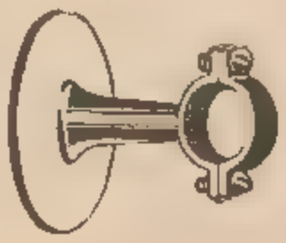
BRASS SCREWED BATH
Plugs and Washers
A330.
Sizes: 1½", 2" and 2" Fullway.

Plugs and Washers
A331.
FOR TROUGHS
Deep and Heavy Square.
2" Standard Size, Screwed 2" Male.

Trap Screws
A332.
For Lead Traps, etc.
Sizes: ⅞", 1", 1⅛", 1¼".

BRACKET CLIPS

Bracket Clip
A333.
With Buffer
N.P. or Chrome.
Screwed ⅜" Whitworth at back.
1½" Copper Tube size.
1½" Standoff only.



Bracket Clip
A334.
Without Buffer
Screwed ⅜" Whitworth at back.
Copper Tube sizes: ⅜", ½", ¾", 1", 1¼", 1½", 2".
Iron Pipe sizes: ½", ¾", 1", 1¼", 1½", 2".
Made with 1" and 1½" Standoff.

Band Buffer Clip
A335.
1½" Copper Tube size
Nickel or Chrome Plated.

Galvanised Beaded Clips
A336.
For Pipes
Sizes: ½", ¾", 1", 1¼", 1½", 2".

N.P. Band Clips
A337.
For Copper Tube
Sizes: ½", ¾", 1".
For Iron Pipe—Sizes: ½", ¾".
Larger sizes to order.

W.I. Band Clips
A338.
For Cast Iron Soil Pipes.
Size: 4".

Flush Pipe Buffer Clip
A339.
Nickel Plated or Gal. Iron
Size: 1¼", 1½".

Flush Pipe Clip
A340.
Without Buffer
Nickel Plated
Sizes: 1¼", 1½".

Vent Pipe Stays
A341.
For 3" and 4" Vents
Ends for Stays screwed ½" Gas.

Galvanised Post Clip
A342.
For 3" Vent x 4" Post.

Block Clips
GALVANISED S.I.
A343.
For 3" and 4" Vents for standing Vent Pipes off walls.

JOHN DANKS & SON PTY. LTD.

MELBOURNE AND SYDNEY

W.I. Bolted Clips
A344.

With Shanks 4" to 12" long.
Sizes: ½", ¾", 1", 1¼", 1½", 2", 2½", 3", 4".
Also made with Galvanised Fronts.

Galvanised Clips
A345.

For Sheet Iron Vent Pipe, etc.
Sizes: 1½", 2", 2½", 3", 4", 6".

Galvanised Wire Strainers
A345a.

For Vent Pipes, etc.
Sizes: 1¼", 1½", 2", 2½", 3", 4".

Galvanised Educt Cowls
A346.

Sizes: 3", 4"

Galvanised Sheet Iron Vent Pipe
A.347.

Sizes: 1½" and 2" in 3 ft lengths; 3" and 4" in 3 ft. up to 36 ft.

Offsets—
Sizes: 1½", 2", 3", 4", with offsets up to 9".

Bends—
Sizes: 1½", 2", 3", 4".
Degrees: 45, 75, 90.

Brass Vent Pipe Branches
A.348.

For connecting Lead Vent Pipes to Sheet Iron Vents.
Sizes: 3" x 1½", 3" x 2", 4" x 3".

Wrought Iron Hooks
A349.

For W.I. and Compo Pipe. Galvanised.
Sizes: ½", ¾", 1", 1¼", 1½", 2", 2½", 3", 3½", 4", 6".

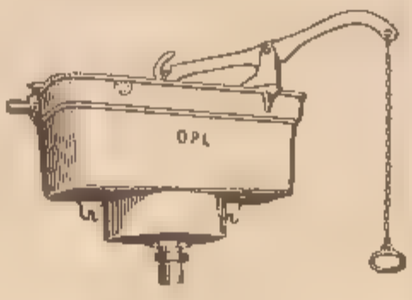
Tinned Compo Hooks.
Sizes: ¼", ⅜", ½", ⅝", ¾", 1".

Manhole Steps
A350.

In Black or Galvanised Wrought Iron.

"D.P.L." W.C. Cisterns
A351.

Full Bore Flush



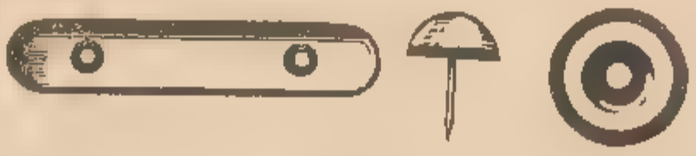
Ball Cock and Overflow are interchangeable.
The Ball is suspended and cannot strike the bottom of the cistern.
Supplied also with Brackets if desired.

Capacity: 1, 2 and 3 gallons.
Painted and Glass Enamelled.

Cistern Pulls
A352.

Galvanised Pull with Chain
China Pull with Rubber Ring and Brass or N.P. Chain.
Rubber Pull with N.P. Link, Variegated Colouring.

I.R. Seat Buffers
A353.



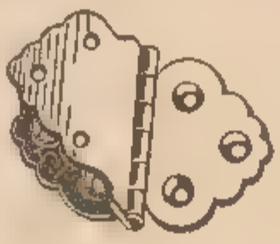
Long White. White Pin. Screw Hole.

N.P. Seat Bolts and Nuts
A354.

Size: 3½" x 5-16ths".

Brass Urinal Bolts & Nuts
A355.

Size: 2" x ¼".



Seat Hinges
A356.

Butterfly Pattern
Nickel Plated on Brass.
Double or Single Flap.

EXPANSION PLUGS

Expansion Plugs
A357.

Brass and I.R. for testing W.I., S.W., or Lead Pipes.
Sizes: 2", 3", 4", 6", 9", 12", 15", 18".

Expansion Plugs
A358.

With Drain Cock
Sizes: 4", 6", 9", 12", 15", 18"
18" Size made in Cast Iron

PLUMBERS' TOOLS

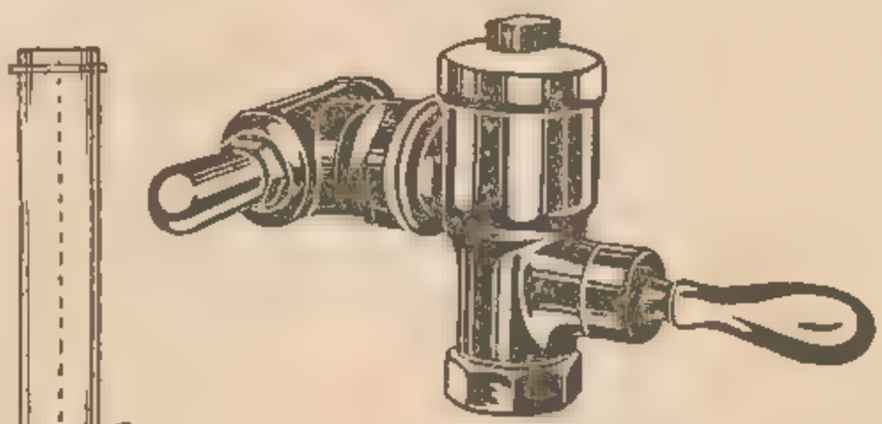
We carry a large range of Plumbers' Tools by leading manufacturers.

BOXWOOD DRESSERS
BENDING STICKS
BOSSING STICKS
MALLETS, TURNPINS
BOBBINS
FOOTPRINT WRENCHES
VISES, BLOW LAMPS
OSTER STOCKS and DIES, Ordinary and Receding
DUO DIE STOCKS
CHATWIN'S RATCHET and WALWORTH STOCKS and DIES
VULCAN WRENCHES
BASIN WRENCHES
PIPE CUTTERS
TAPPING FRAMES
DRILLS,
RATCHET BRACES
SNIPS, LADLES
MELTING POTS
Etc., etc.

DANKS' FOR BILLABONG AND COO-EE WINDMILLS

The "HUSH" Silent Flusher . . .

DANKS for QUALITY



A359.

Constructed for Fitting on Either Hand and will work against Any Pressure over 8 ft.

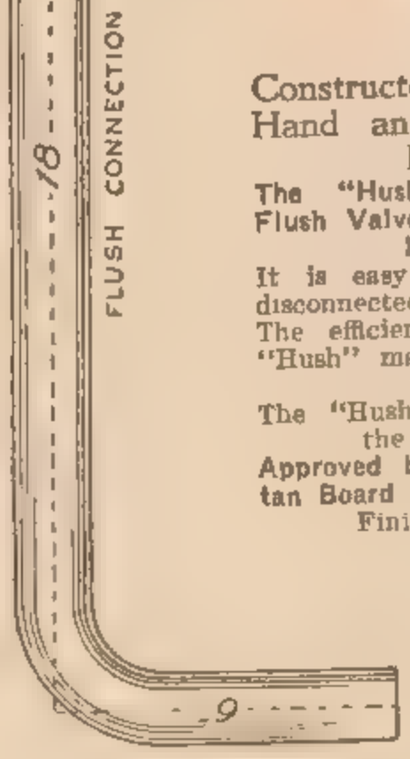
The "Hush" is a mechanically efficient Flush Valve made in our own factory from high grade Gun Metal.

It is easy to install and has not to be disconnected for adjustments or repairs. The efficiency and neat appearance of the "Hush" make it the leading Flushing Valve in the Commonwealth.

The "Hush" is easily operated by moving the handle in any direction.

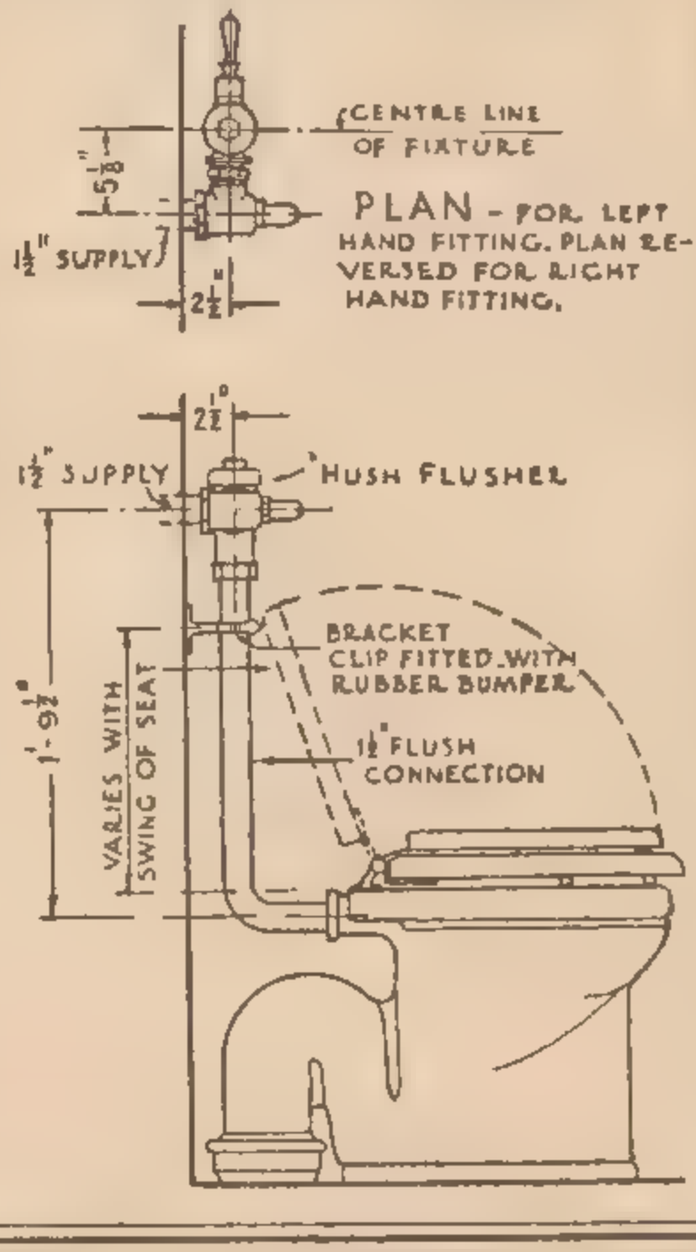
Approved by the Melbourne and Metropolitan Board and Water Boards of other States.

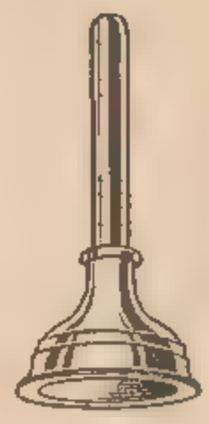
Finished in Nickel or Chrome.



FLUSHER BEND

For connecting up the Flusher with the Pan.





Rubber Force Cups

A360.

This article is made in the form of a stout I.R. Cup with a wood handle, and is very useful in cleaning stoppages in Basin Wastes, etc.

A361. THE "HERCULES" PUMP

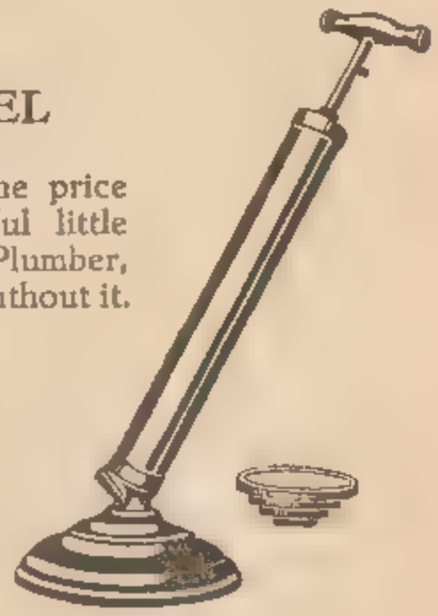
The "Hercules" is practically both a Lift and Force Pump. The patent Rubber Force Cup gives the Pump a reciprocating action, and with but little effort obstinate obstructions are speedily removed.

The "Hercules" is not an air pump, its action is Hydraulic, and it is the only pump fitted with the Patent Steel Reinforced Rubber Cone.

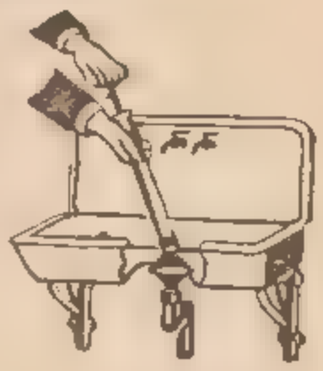
HEAVY BRASS BARREL

Length, 1 ft. 8 ins.; Dia., 1½ in. The price of the "Hercules" brings this useful little pump within the reach of every Plumber, and no Plumber's Kit is complete without it.

Observe the steel plate which is embedded in cones.



A special feature of this Pump is that it will rapidly withdraw any obstruction.



ARMOURED CANE DRAIN CLEANING MACHINES

A362.

30 ft. long in ten 3 ft. lengths.

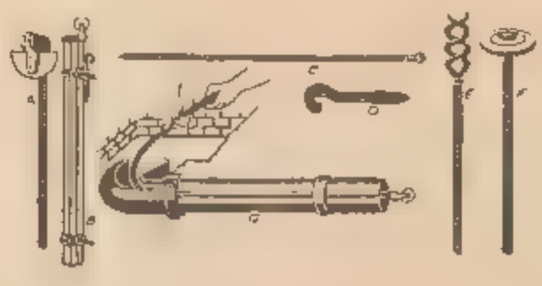


Illustration shows: (a) Scraper, (b) Rods and wheel, (c) Single rod, (d) Key, (e) Ferret, (f) Plunger, (g) Cleaner in action.

MANY ADVANTAGES OVER CANE ROD MACHINES

Being Rigid an end thrust is obtained sufficient to remove almost any form of stoppage.

Flexible enough to pass through bends, junctions or traps.

Elasticity—will always recover and revert to their normal position.

Lockfast—joints being flushed with the rod, there is nothing to catch in the drain.

Seated inside with the finest quality cane rod, which cannot scrub up or wear out, and nothing can pass to the inside of rod.

Each set complete with 10 Rods, Wheel, Ferret, Plunger, Key, and Scraper.

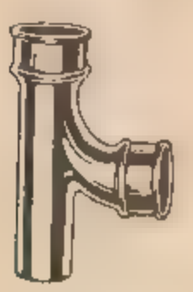
JOHN DANKS & SON PTY. LTD.

MELBOURNE AND SYDNEY

Cast Iron Sewerage Fittings

Plain Junctions
A363.

Sizes Degrees
4 x 4; 45, 75, 85, 88½.
4 x 3, 2½, 2; 45, 75, 88½.
3 x 3, 2½, 2; 45, 75, 88½.
2½ x 2½, 2; 45, 75, 88½
2 x 2; 45, 75, 88½.



Plain Inverted Junctions
A364.

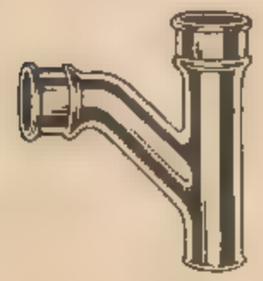
Sizes Degrees
4 x 3, 2½, 2; 45, 88½.
3 x 3, 2½, 2; 45, 88½.
2½ x 2½, 2; 45, 88½.
2 x 2; 45, 88½.

Parallel Junctions
A365.

Sizes:
4 x 4.
4 x 3.
4 x 2.

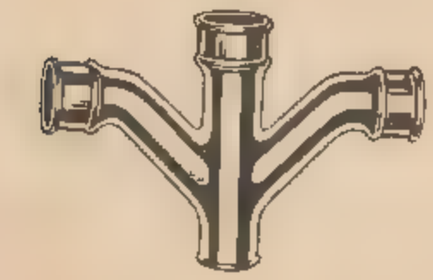
Parallel Inverted Junctions
A366.

Sizes:
4 x 3.
4 x 2.



Plain Junctions
A367.

Size: 4 x 4; 45/88½°.
Or with I.O., R.H., L.H., or on back.



Plain Double Junctions
A368.

Size: 4"; 45/88½°.

Plain Double Junctions
A369.

Size: 4"; 45°.

Plain Pan Junctions
A370.

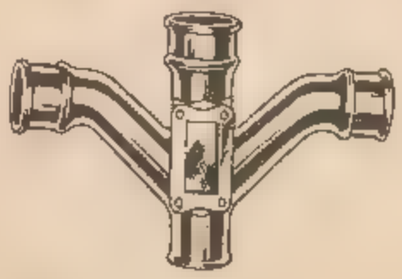
Size: 4".
Close up, 4½".
9", 11", 13½" and 18" wall

Pan Junctions
A371.

I.O. 4" Close Up, 4½", 9", 11", 13½" and 18" wall.
Close Up has R. or L.H. I.O.
Others have I.O. on back.
All 77½°.

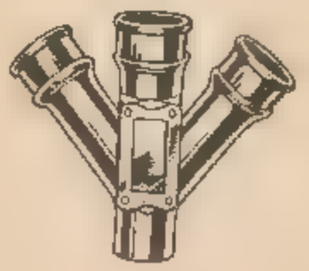
4" I.O. Junctions
A372.

Degrees: 45, 75, 85, 88½
I.O., R.H., L.H., or on back.
Reducing Sizes Made to Order.



Double Junctions
A373.

I.O., 4".
45, 88½°.



Double Junctions
A374.

I.O., 4".
45°.

Plain Bends
A375.

Sizes:
4"; 15, 30, 45, 60, 75, 85 and 88½°.
2", 2½", 3"; 15, 30, 45, 60, 75, 88½°.

I.O. Bends
A376.

Sizes:
4"; 15, 30, 45, 60, 75, 85, 88½°, I.O., R.H., L.H. or on back.
I.O on back.
2", 2½", 3"; 45 and 88½°

Plain Pan Bends
A377.

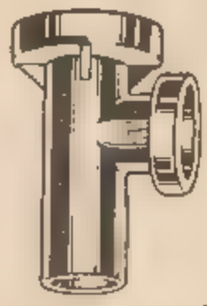
Size:
4" for Close Up, 4½", 9" and 11" Wall.
Vented Pan Bends made to Order.

I.O. Pan Bends
A378.

Size:
4" for 4½", 9" and 11" Wall.

4" Garage Bends
A379.

Set of three.
For Triple Interceptor Trap



Adjustable Tops
A380.

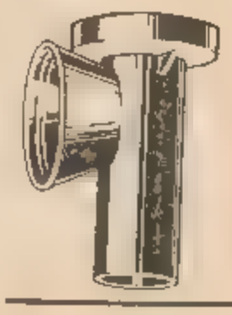
Sizes:
4 x 4, 4 x 3, 4 x 2.

Adjustable Tops, 4"
A381.

Double Straight Through

Adjustable Tops, 4"
A382.

Double Right Angle.

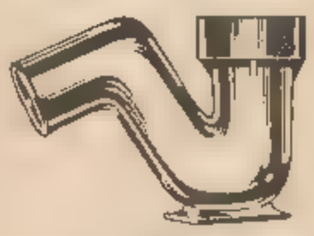


Adjustable Tops, 4"
A383.

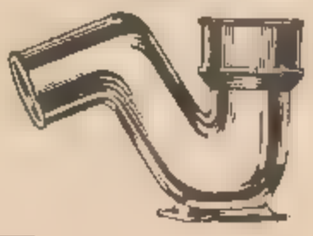
Vertical Frogmouth.

Adjustable Tops, 4"
A384.

Horizontal Frogmouth



Disconnector Trap, 4"
A385.



Disconnector Trap, 4"
A386.

With Soil Socket.

SEE PAGE 34 FOR METHOD OF ASCERTAINING RIGHT OR LEFT HAND FITTINGS

Cast Iron Sewerage Fittings

Boundary Trap
A387.
Size: 4".

Gully Trap
A388.
Size: 4".

Urinal Trap
A389.
Sizes: 2", 2½", 3".
Screwed or Spigot Outlet.

Silt Trap
A390.
WITH GRATE AND GALVANISED BUCKET
4" Outlet.

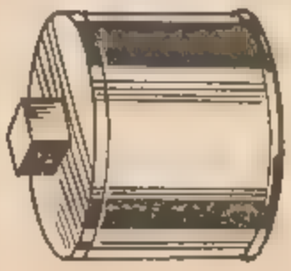
Gully Top Round
A391.
Size 4".

Level Inlet Single
A392.
Sizes:
4" x 4", 4" x 3", 4" x 2".

Level Inlet Double
A393.
Sizes.
4" x 4", 4" x 2'

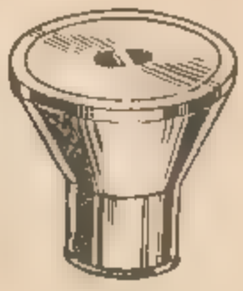
Reducers
A394.
Sizes:
4" x 3", 4" x 2½", 4" x 2", 3" x 2".

Sockets
A395.
Sizes: 4", 3", 2½", 2". 4" and 3", also without Inside Bead.



Blank End
A396.
WITH SCREWED BRASS CAP
Size: 4", 3".
Also 4" for Level Inlets.

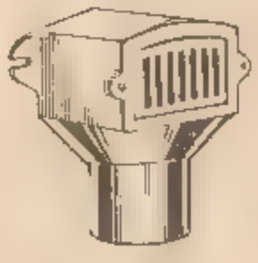
Blank Ends
A397.
Sizes: 4" and 3".



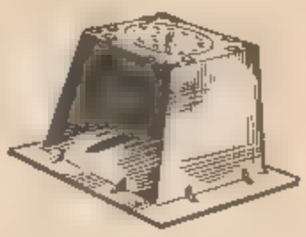
Boundary Covers
A398.
LIGHT
Sizes:
6", No. 198.
4", No. 197.

Combination Ground Vent
A399.
Size 4".

Ashdown Ground Vent
A400.
Size 4".

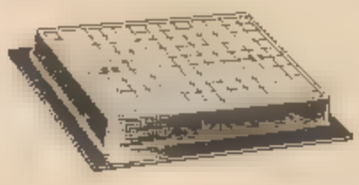


Mica Flap Vent
A420.
Size: 4".



Boundary Covers
A421.
HEAVY
Sizes:
6", No. 200.
4", No. 199.

Inspection Covers
A422.



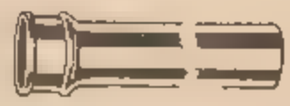
Size:
36" x 24", 24" x 24" Light.
24" x 24" Heavy
21" x 17", Ordinary
21" x 18" and 21" x 12". Hinged.

Extensions Ordinary
A423.
Sizes:
4" x 6", 9", 12", 15" and 18".
For connecting Stoneware to Cast Iron.

Extensions Plain Pan
A424.
Sizes:
4" x 6", 9", 12", 15", 18", 24" and 36".

Extensions Vented Pan
A425.
Sizes:
4" x 9", 12", 15", 18", 24".

Offsets
A426.
Sizes:
4" x 2", 3", 4½", 6", 9".
2", 2½", 3" x 2", 3", 4½", 6".



Soil Pipe Plain
A427.
Sizes:
4" x 3 ft, 6 ft. and 9 ft
2", 2½", 3" x 3 ft. and 6 ft. only.

Soil Pipe with I.O.
A428.
Sizes:
2", 2½", 3", 4" x 3 ft. only.

6" SOIL PIPE
and Fittings
MADE TO ORDER

GLASS ENAMELLED PIPE
and Fittings
MADE TO ORDER

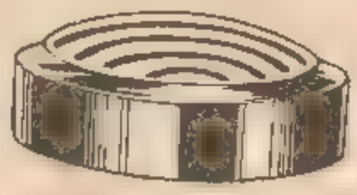
SPECIAL FITTINGS
MADE TO SPECIFICATION

FOR HIGHEST QUALITY, INSIST ON "DASPYL"

Cast Iron Sewerage Fittings

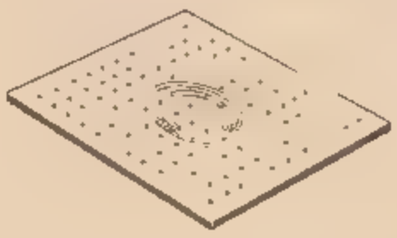
Grates, D.T.
A429.
For 6", 4" and 3" Stoneware Pipes.

Grates, D.T.
A432.
For 4" Stoneware Pipes with 2" hole in centre.

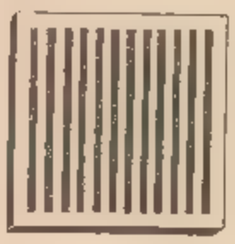


Grates, D.T.
A435.
Domed for 4" Stoneware Pipes.

Gully Grates
A430.
Sizes:
6½" diameter.
URINAL
5½" diameter.



Grates
A433.
(MILD STEEL)
For Garage Pits.
25" x 25".

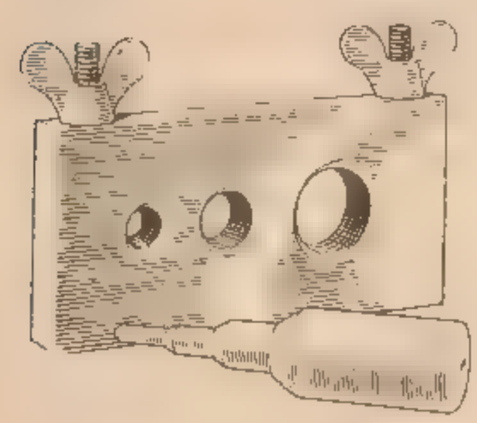


Flat Grates
A436.
LIGHT
12" x 12", 18" x 18".
HEAVY
12" x 12", 12" x 18", 24" x 24".

Dished Grates
A431.
Sizes:
9" x 9".
12" x 12".

Grates for Silt Traps
A434.
11½" diameter.

A437.
Bitumen in 9 lb. Blocks specially prepared for joints of Closet Pans, etc.



Flaring Tools
A418.
These tools are used for flaring copper tube when used with EVER-TITE FITTINGS.
Sizes: ⅛", ¼".
⅜", ½", ¾", 1".
1¼", 1½".
1½", 2".
All copper tube sizes
Variations in the above sizes may be obtained.

The "Danks" 1 inch Stand-Pipe Hydrant
A419.
Of Special Interest to Councils

The Danks 1 in. Stand-Pipe Hydrant fits into the fire plug in the usual way, and the barrel being made of 1 inch galvanised wrought iron pipe, will stand up to the hard usage fittings of this kind are subjected to. Its uses are many, and it is specially adaptable for washing down drains, supplying water for concrete mixing and road work generally.

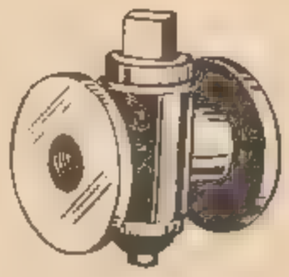
For Street Watering and Fire Hydrants, see pages 22 and 27.

STEAM COCKS, Etc.

Deep Barrel Steam Cock
A441.
GUN METAL
Male and Female Screwed Ends.
Sizes: ¼", ⅜", ½", ¾", 1", 1¼", 1½", 2", 2½", 3", 4".

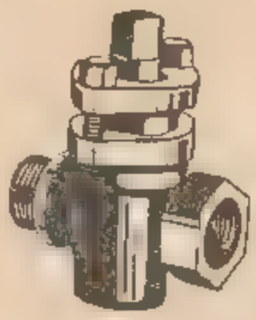
Three-Way Plug Cock
A443.
GUN METAL
Screwed.
Sizes: ½", ¾", 1", 1¼", 1½", 2"

Flanged Steam Cock
A444.
GUN METAL
Plain Plug.
Sizes: 1", 1¼", 1½", 2", 2½", 3", 4".



Deep Barrel Steam Cock
A442.
GUN METAL
Female Screwed Ends.
Sizes: ¼", ⅜", ½", ¾", 1", 1¼", 1½", 2", 2½", 3", 4".

DANKS for the Best in BATHS & BATHROOM WARE

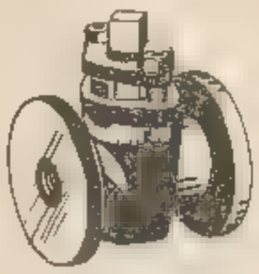


Packed Gland Steam Cock
A445.
GUN METAL
Oval Top, Male and Female Ends.
Sizes: ⅜", ½", ¾", 1", 1¼", 1½", 2", 2½", 3", 4".

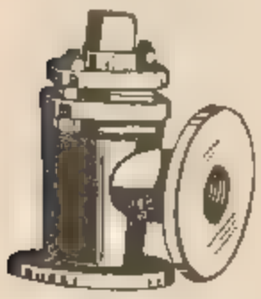
Steam Cocks, Valves, Etc.

Packed Gland Steam Cock
A446.
GUN METAL
Oval Top, Female Ends.
Sizes: ⅜", ½", ¾", 1", 1¼", 1½", 2", 2½", 3", 4".

Three-Way Gland Cock
A447.
GUN METAL
Oval Top, Screwed
Sizes: ½", ¾", 1", 1¼", 1½", 2", 2½", 3".



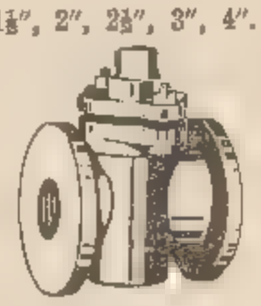
Packed Gland Flanged Steam Cock
A448.
GUN METAL
Heavy Pattern, Fullway.
Sizes: 1", 1¼", 1½", 2", 2½", 3", 4".



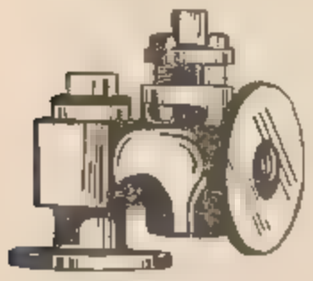
Packed Gland Flanged Steam Cock
A449.
GUN METAL
Right Angle.
Sizes: 1¼", 1½", 2", 2½", 3".

Three-Way Packed Gland Cock
A450.
GUN METAL
Flanged
Sizes: 1¼", 1½", 2", 2½", 3".

Packed Gland Cock
A451.
ALL IRON
Screwed female.
Sizes: ¾", 1", 1¼", 1½", 2", 2½", 3", 4".

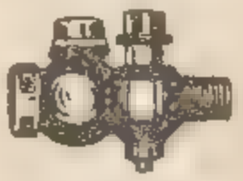


Packed Gland Cock
A452.
ALL IRON
Flanged.
Sizes: 1¼", 1½", 2", 2½", 3", 4".



Packed Gland Steam Cock
AND RIGHT ANGLE CHECK VALVE COMBINED
A453.
Gun Metal, Flanged.
Sizes: ¾", 1", 1¼", 1½", 2", 2½".

Steam Cock
AND STRAIGHT CHECK VALVE COMBINED
A454.
Screwed Male and Female
Sizes: ⅜" x ½", ½" and ¾".



Steam Valves

Steam Valves
A455.
GUN METAL
Screwed.
Sizes: ¼", ⅜", ½", ¾", 1", 1¼", 1½", 2", 2½", 3", 4".

Steam Valves
A.456.
GUN METAL
Flanged.
Sizes: ¾", 1", 1¼", 1½", 2", 2½", 3", 4".

Steam Valves
A457.
GUN METAL
Right Angle, Flanged.
Sizes: ¾", 1", 1¼", 1½", 2", 2½", 3".

Steam Valves
A458.
Right Angle, Screwed.
Sizes: ½", ¾", 1", 1¼", 1½", 2".

Steam Valves
A459.
Screwed, Fitted with Jenkin's Type Renewable Disc.
Sizes: ¼", ⅜", ½", ¾", 1", 1¼", 1½", 2", 2½", 3".

Needle Valves
A460.
Right Angle.
Sizes: ⅛", ¼", ⅜".

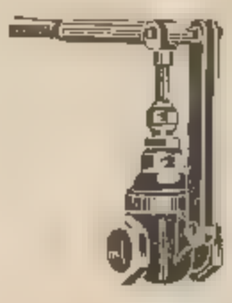
Needle Valves
A461.
For Oil, Petrol, etc.
Sizes: ¼", ½", ¾", ⅞", 1".

Renewable Discs and Seats
A462.
FOR STEAM VALVES

Steam Valves
A463.
SCREWED, RENEWABLE WHITE BRONZE SEAT
Regrindable Reversible Valve
200 lbs. Working Pressure.
Bronze Composition.
Sizes: ¾", 1", 1¼", 1½", 2".
Also Flanged.

Fullway Gate Valves
A464.
Screwed, All Brass.
Sizes: ⅜", ½", ¾", 1", 1¼", 1½", 2", 2½", 3", 4".

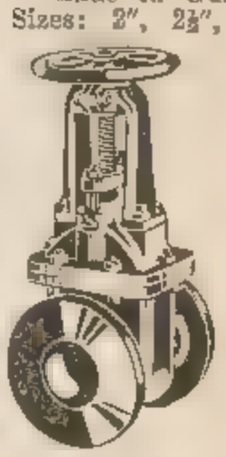
Fullway Gate Valves
A465.
Flanged, All Brass.
Sizes: ½", ¾", 1", 1¼", 1½", 2", 2½", 3", 4".



Gate Valves
A466.
QUICK ACTING WITH LEVER
Gun Metal, Screwed.
Sizes: 1¼", 1½", 2", 2½", 3".

A466a.
GATE VALVES
Quick Acting, with Lever
Cast Iron, Flanged.
Sizes: 4", 5", 6".

Gate Valves
A467.
Flanged.
Bolted Top
Made in Gun Metal and Brass.
Sizes: 2", 2½", 3", 3½", 4", 5", 6".

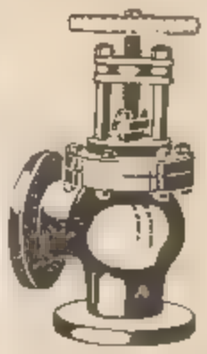


Flanged Gate Valve
HEAVY CAST IRON
A468.
Bronze Mounted
Sizes: 2", 3", 4", 6", 7".

Fullway Gate Valves
A469.
(Flanged)
Iron Body, Brass Mounted.
May also be had in All Iron.
Sizes: 2", 2½", 3", 3½", 4", 5", 6", 7", 8", 9", 10", 12"

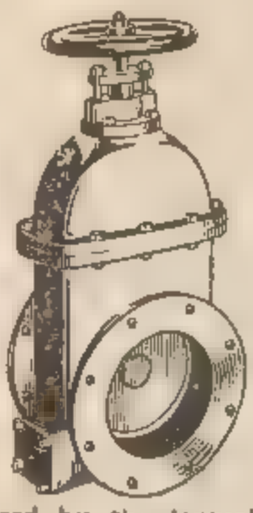
Lever Throttle Valve
A470.
For working pressure up to 75 lbs.
Sizes: ½", ¾", 1", 1¼", 1½", 2", 2½".

A471. Globe Valves
CAST IRON BODY
Gun Metal Fittings
Flanged.
Sizes: 2½", 3", 4", 5", 6".



Right Angle Globe Valves
A472.
CAST IRON BODY
Gun Metal Fittings
Flanged.
Sizes: 2½", 3", 4", 5", 6".

The "Reliance" Patent Gas Valve
A473.



This patent valve is designed so that it may be closed after being open for long periods, thus preventing the dangerous and costly lagging off of the main which occurs when the old type valve jambs and refuses to close, often through the oxidising influence associated with gas mains.

A special feature covers a grease packed crosshead in which the spindle is encased when the valve is open, eliminating corrosion or the accumulation of foreign matter and making certain that the valve will close.

Used by the largest gas company in Australia, and indispensable to all gas companies.
Made in sizes up to 36" diameter in vertical or horizontal designs.

STEAM VALVES (Cont.)

Lock Up Safety Valve
A474.

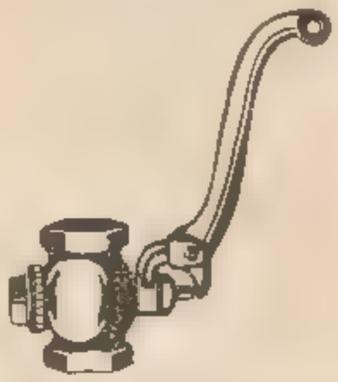
Gun Metal, Screwed and Flanged
Screwed Male: ½", ¾", 1", 1¼", 1½", 2".
Flanged: 1¼", 1½", 2".
Also made in Cast Iron, Gun Metal Mounted, Flanged.
Sizes: 2½", 3", 3½", 4", 5", 6".

Vertical Check Valve
A482.

Gun Metal, Screwed.
Sizes: ½", ¾", 1", 1¼", 1½", 2".

Whistle Valve
A483.

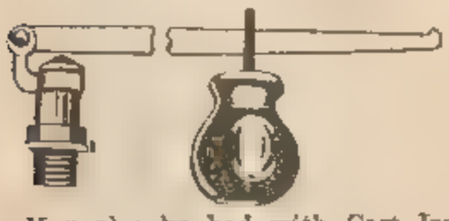
Adjustable Lever
Sizes: ½", ¾", 1", 1¼", 1½", 2".



Pop Safety Valve
A475.

With Side Outlet
Gun Metal.
Sizes: ½", ¾", 1", 1¼", 1½", 2".

Lever & Weight Safety Valve
A476.

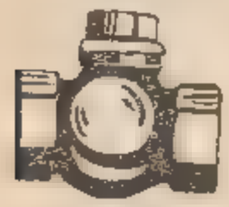


Gun Metal with Iron Lever and Weight.
Sizes: ½", ¾", 1" 1¼", 1½", 2".

May also be had with Cast Iron Body Flanged.
Sizes: 2½", 3", 4".

WATER REDUCING VALVES

We are makers of Water Reducing Valves suitable for reducing pressure up to 200 lbs. They are similar in operation to the Steam Reducing Valve, but the valves are operated by Plungers which work in a gun metal lined cylinder.
These Valves have proved invaluable to Water Trusts, and are used by them throughout the Commonwealth. They prevent many of the accidents in C.I. Mains through variations in pressure.
Flanged
Sizes: 3", 4", 5", 6", 8", 9", 10", 12".
We also make these valves in larger sizes and for higher pressures.

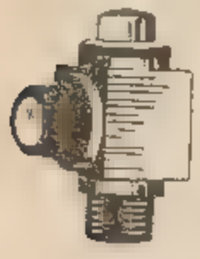


Straight Check Valves
A477.

Gun Metal, Screwed.
Sizes: ¼", ⅜", ½", ¾", 1", 1¼", 1½", 2", 2½", 3".

Straight Check Valve
A478.

Gun Metal, Flanged.
Sizes: 1", 1¼", 1½", 2", 2½", 3".



Check Valves
A479.

Right Angle
Gun Metal, Screwed.
Sizes: ½", ¾", 1", 1¼", 1½", 2".

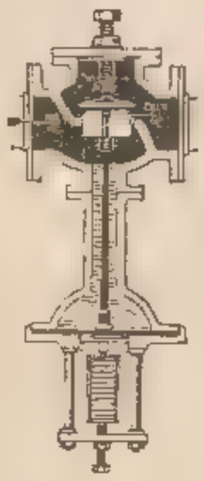
Check Valves
A480.

Right Angle
Gun Metal, Flanged
Sizes: 1", 1¼", 1½", 2", 2½", 3".

Swing Check Valves
A481.

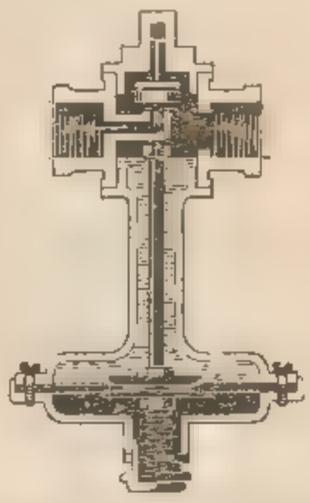
Gun Metal, Screwed.
Sizes: ½", ¾", 1", 1¼", 1½", 2", 2½", 3".
Also made with Leather Face Valves, screwed.
Sizes: 1¼", 1½", 2"

STEAM PRESSURE REDUCING VALVES
A484.



G.M. Screwed, G.M. Flanged, C.I. Flanged.
Size: ¾", 1", 1¼", 1½", 2", 2½", 3", 4", 5", 6".

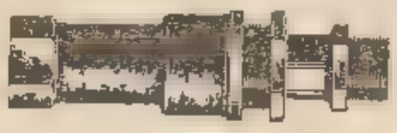
Connect valve perfectly level to steam pipes. Fill lower portion with cold water to its full capacity. This must be particularly attended to or I.R. diaphragm will be destroyed; the condensation of steam will be sufficient to provide for this after first filling. The valve is then ready for use, turn on steam and regulate to required pressure, which is to be ascertained by a pressure gauge on low pressure side of valve. If the valve is reducing the pressure too much, compress spring by screwing regulating bolt upwards. If not reducing sufficient, release spring by unscrewing regulating bolt



High-Low Steam Pressure Reducing Valves
A485.

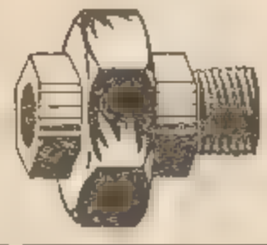
Designed especially for use in radiator work.
Sizes: ½", ¾", 1", 1¼".
Important — When ordering, always state Pressure at which Valve is to be worked.

Expansion Joints
A486.



Made in all Gun Metal, or in Cast Iron with Gun Metal slide. Screwed.
Sizes: 1", 1¼", 1½", 2", 2½", 3", 3½", 4".
Made also with Flanged Ends

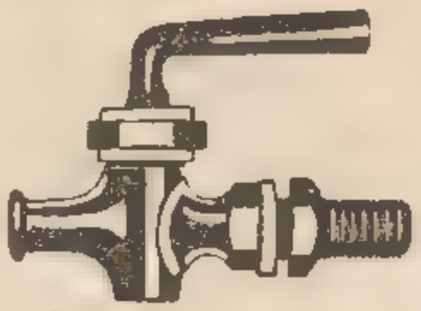
ORDER BY NUMBER—
Do Not Cut Catalogue.



Hexagon Steam Unions
A487.

Gun Metal
Screwed Male and Female.
Sizes: ¼", ⅜", ½", ¾", 1", 1¼", 1½", 2", 2½", 3".

Pet or Air Cocks



Straight
A488.

With Lever Handle and Capped Top
Sizes: ¼", ⅜", ½", ¾"

Straight
A489.

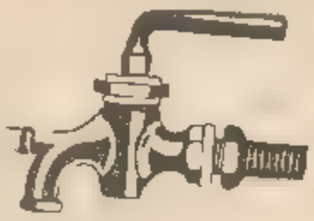
With Lever Handle and Union
Sizes: ¼", ⅜", ½", ¾".

Bent Pet Cock
A490.

With Lever Handle and Cleaning Pin
Asbestos packed.
Sizes: ¾".

Bent
A491.

With Lever Handle, Union and Cleaning Pin
Sizes: ¼", ⅜", ½", ¾"

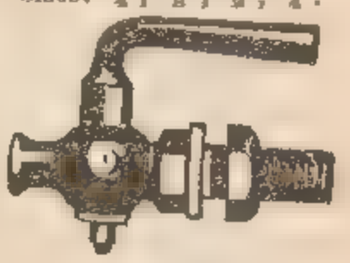


Bent
A492.

With Lever Handle and Cleaning Pin
Capped top.
Sizes: ¼", ⅜", ½", ¾".

Straight
A493.

With Lever Handle
Sizes: ¼", ⅜", ½", ¾".

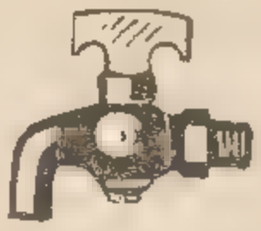


Bent
A494.

With Lever Handle and Cleaning Pin
Sizes: ¼", ⅜", ½", ¾".

Straight
A495.

With T Handle
Sizes ⅛", ¼"

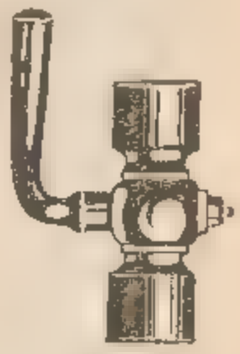


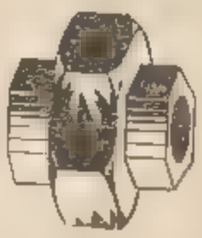
Bent
A496.

With T Handle
Sizes: ⅛", ¼", ⅜".

Pressure Gauge Cocks
A497.

Sizes: ¼", ⅜", ½".





Hexagon Steam Unions
A498.

Gun Metal
Screwed Female.
Sizes: ¼", ⅜", ½", ¾", 1", 1¼", 1½", 2", 2½", 3".

BOILER GAUGE MOUNTINGS

"Daspyl" Ordinary Pattern
A499.

Sizes: ¼", ⅜", ½", ⅝", ¾".

"Daspyl" Gland Pattern
A500.

Sizes: ¼", ⅜", ½", ⅝", ¾"

AUTOMATIC SHUT-OFF GAUGE MOUNTINGS

"Daspyl" Asbestos Packed
A520.

Suitable High Pressure

Fitted with a special valve which automatically stops the flow of scalding water from boiler should gauge glass break.
Made in Light and Heavy Patterns.
Size: ¾".

"Daspyl" Asbestos Packed
A521.

FOR HIGH PRESSURE

Fitted with valve which automatically stops the flow of scalding water from boiler should gauge glass break.
Made in Light and Heavy Patterns.
Size: ¾" Round Flanges.

"Daspyl"
A522.

FOR ORDINARY PRESSURES

This gauge mounting is of the gland pattern, and is fitted with a valve which automatically stops the flow of scalding water from boiler should gauge glass be broken.
Size: ¾".

WATER GAUGE WITH GUARDS

A523.

Plain Pattern
WITH GUARDS

Screwed Gas Thread takes		Glass
⅜"	..	⅝" x 12".
½"	..	⅝" x 12".

A524.

GAUGE GLASSES (Plain)
Diameter: ⅜", ½", ⅝", ¾".
Length: 12", 13", 14", 15", 16".
Special sizes and lengths to order.

Expansion Tank Gauge
A525.

Sizes: ⅜" Gas, ½" Gas.

Gauge Glass Protectors
A526.

"DASPYL"

Are made to suit customer's gauge mountings in two patterns.

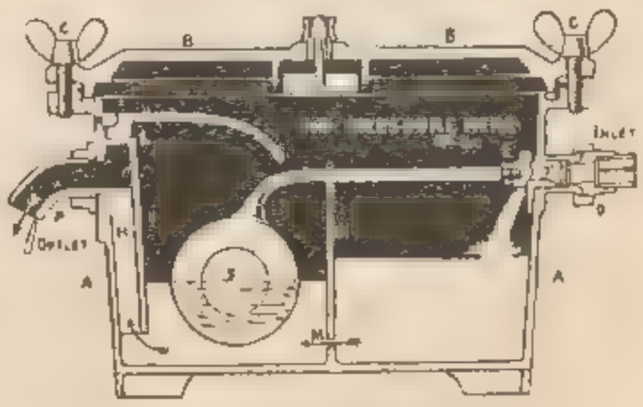
Plate Glass Brass Mounted — Steel Wire

WHEN ORDERING

State style required and give measurements shown on detailed diagram.

Example Order—Please forward one Steel Wire Gauge Glass Protector to suit a mounting of the following measurements: -

A = 8¾"; B = 10⅜"; C = 1½" in both cases; D = 11½"; E = 3-16ths" in both cases; F = 1 3-16ths" in both cases.



THE "SYPHONIA" STEAM TRAP
A527.

For automatically draining condensed steam from Steam Pipes, Steam Coils, Radiators, Steam Engine Jackets and Cylinders, and all steam-heated constructions, without loss of steam.

Sizes Made

No.	Inlet Size	Outlet Size	Extreme Dimensions Length	Width	Height	Maximum Working Pressure
3 ..	1"	1¼"	1' 10"	8½"	1' 4½"	100 lbs.
5	1½"	2"	2' 5"	10½"	1' 7¼"	80 lbs.

Draining Capacity of Traps

Size of Trap Inlet	1"	1½"
lbs. of water discharged per hour at 212° Fah.	500	1000

The "Roma" Steam Trap
A528.

Inverted Bucket Float Type for pressures up to 1000 lbs. per sq. inch and for Superheated Steam.
Sizes: ½", ¾", 1", 1¼", 1½", 2".

The "Midget" Steam Trap
A529.

For all places where steam power is used.
Sizes: ½", ¾", 1", 1¼", 1½", 2".

"XL - 96" Improved Ejectors
A530.

Lifts 22' to 25'.
Elevates 25' to 125'
30 to 100 lbs. pressure—no lift.

Size Number ..	1	2	3	4	5	6	7*	8*	10
Pipe Connection—Steam	⅜"	½"	¾"	1"	1"	1¼"	1½"	2"	2½"
Pipe Connection - Suction and Delivery	½"	¾"	1"	1¼"	1½"	2"	2½"	3"	4"

*Sizes 7 and 8 have iron body, brass jets and steam connection. Other sizes all brass.

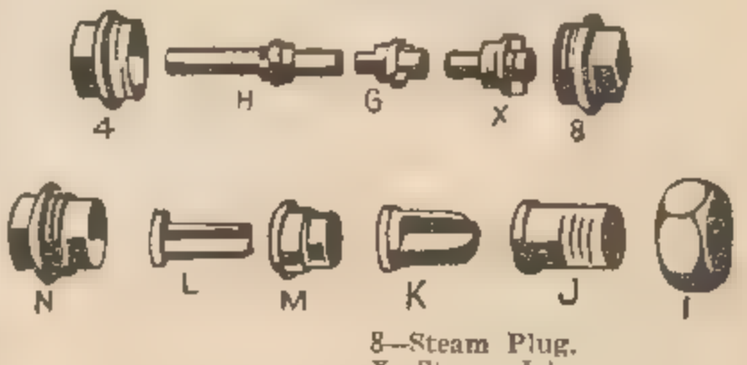
AUTO-POSITIVE INJECTORS
A531.

Automatic and Re-starting for High Pressures and Hot Water Supply.

While a large majority of boilers carry less than 150 lbs. pressure, the usual high working pressure of the ordinary automatic injector, there is an increased demand for an injector operating between 150 and 200 lbs. pressure. There is also a demand for an injector that will handle a water supply that has become heated by use of the syphon (or ejector) and in other ways, and is consequently too hot for injectors of the usual automatic type. We offer to the public the "Auto-Positive," especially designed to meet these requirements.

Sizes:
113—Screwed ½" Gas.
115—Screwed ¾" Gas.
117—Screwed 1" Gas.
119—Screwed 1¼" Gas.
121 Screwed 1½" Gas.
123—Screwed 2" Gas.

Showing Extra Parts for Auto-Positive Injectors
A532.

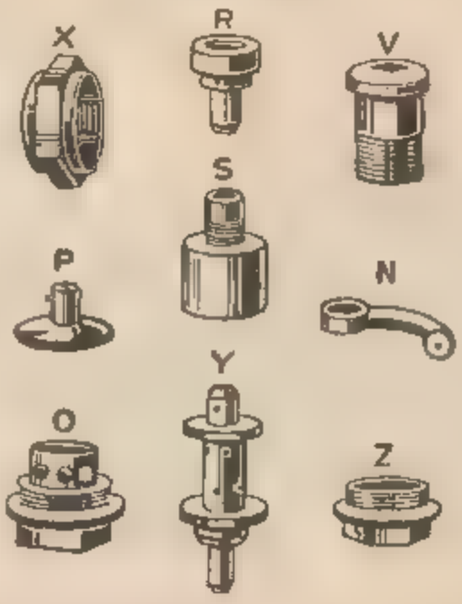


8—Steam Plug.
X—Steam Jet.
G—Suction Jet.
H—Delivery Jet.
4—Delivery Plug.
N—Overflow Plug.
L—Pressure Valve.
M—Pressure Valve Collar.
K Vacuum Valve.
I Coupling Nut.
J—Tail Piece.

Automatic Injector
A533.

Style left hand back.
Suction left.
Discharge back.

Size	Horsepower based on ordinary tub boiler	Horsepower based on 30 lbs. water per H.P. per hour	Pipe Connection
OO	4 to 8	6 to 12	⅜"
A	8 to 16	10 to 20	½"
AA	12 to 22	15 to 30	½"
B	17 to 32	22 to 45	¾"
BB	20 to 45	25 to 60	¾"
C	40 to 65	45 to 80	1"
CC	45 to 80	50 to 100	1"
D	50 to 100	60 to 135	1¼"
DD	75 to 125	85 to 165	1¼"
E	100 to 180	125 to 235	1½"
EE	115 to 255	150 to 320	1½"



Showing Extra Parts of Automatic Injector
A534.

R—Steam Jet.
S—Suction Jet.
Y—Delivery Jet.
O—Plug
V—Tail Piece.
X—Coupling Nut.
N—Overflow Hinge.
P—Overflow Valve.
Z—Overflow Cap

JOHN DANKS & SON PTY. LTD.

MELBOURNE AND SYDNEY

Noiseless Water Heater or Steam Muffler

A535.

The use of this heater does away with all noise such as otherwise occurs when heating a tank or barrel of water or other liquid with steam. Of special value to creameries, chemical works, breweries, etc.

Size No.	Capacity*	Steam Pipe	Discharge Pipe
G	50 imperial gals.	⅝	¾
H	63 imperial gals.	¾	¾
J	83 imperial gals.	¾	1
K	104 imperial gals.	1	1¼
L	146 imperial gals.	1¼	1½
M	209 imperial gals.	1½	2

*Number of gallons of water heated from 70 degrees to 210 degrees in 30 minutes, with 70 lbs. steam pressure.

Fusible Plugs, "Daspyl"

A536.

GUN METAL

Sizes: ½", ¾", 1", 1¼", 1½", 2".

STEAM WHISTLES

Steam Whistle Organ

A537.

WITH LEVER VALVE

Sizes: 1", 1¼", 1½", 1¾", 2", 2½", 3", 4".

Size of Thread, Gas: ¾", ¾", 1", 1", 1¼", 1½", 1½".

With Flange at Extra Cost.

Steam Whistle

A538.

WITH COCK

Sizes: 1¼", 1½", 2", 2½", 3", 4".

Size of Thread, Gas: ¾", ¾", 1", 1", 1¼", 1½".

The 4" Whistle is made with a Valve and Lever instead of a Plug Cock as shown.

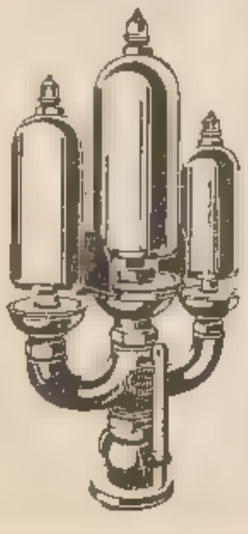
Steam Whistle, Triple Diapason

A539.

Size: 1½", Flanged

Its Big Points are:—
Carrying Power.
Tone.
Efficiency.

It can be heard for miles. The domes are 3½", 4" and 5" in diameter.



GAUGES

FOR ALL PURPOSES

A540.

Steam, Water, Air, Altitude and Vacuum

Diameter of Dials: 2½", 3", 4", 5", 6"

Pressure Gauge Syphons

A541.

A Gauge Syphon is indispensable wherever a gauge is used for steam pressure, and the Syphon should be of such construction that it will have a capacity sufficient to fill the gauge spring with water

Sizes: ¼", ⅜", ½".

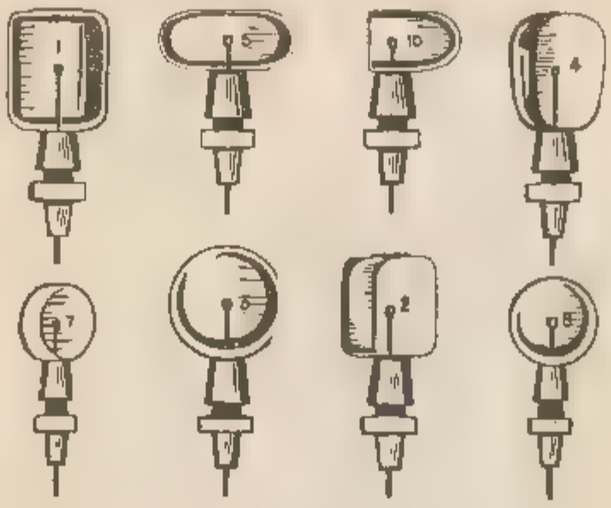
Pressure Gauge Cocks see page 17, col. 3, no. A497.

LUBRICATORS

Glass Needle Lubricators

A542.

With loose Wire and Brass Lined Wooden Plug suitable for Shafting, etc., and used largely on Agricultural Machinery.



Size Number: 1, 2, 3, 4, 5, 7, 8, 10.

Oil Syphon, Slide Top

A543.

"DASPYL"

Gun Metal

Size, Diameter ..	¾	1	1¼	1½	1¾	2	2½	3	4
Size of thread, gas	⅛	¼	¼	¼	¼	⅜	½	½	½

Pressed Steel Compression Grease Cup

A544.

Suitable for Bearings of all Descriptions.

Size Number	00	0	1	2	3	4
Capacity, ounces ..	⅓	2/3	1	2	3½	5
Outside dia., inches	1⅛	1 5/16	1⅝	2⅛	2⅝	3 1/16
Gas thread, inches	⅛	¼	¼	⅜	½	½

Sight Feed Oiler

A545.

WITH SNAP LEVER

With Ball in Shank

Suitable for Bearing and Cylinders of Gas and Oil Engines. Brass Mounted.

Size No.	1	1½	2	3	4	5	6
Capacity, ounces	1	1½	2½	4	5	10	18
Outside diameter of glass, inches	1½	1¾	2	2¼	2½	3	3½
Height of glass, inches ..	1⅜	1⅝	1⅞	2⅛	2⅜	3	4
Gas thread, inches	⅛	¼	⅜	⅜	⅜	½	½

Regulated Feed Grease Cup

A546.

This grease cup has a check spring inside to prevent cap jarring off with vibration. This spring also regulates feed of grease.

No.	K25	26	27	28
Outside diameter ..	¾"	¾"	1"	1¼"
Screwed, gas	⅛"	⅛"	⅛" & ¼"	¼"

Spring Lid Lubricators

(OR OIL CUPS)

A547.

For use on all kinds of machinery, motor cars, etc.

No.	Diameter Across Hex.	Screwed Gas
SL2	¾"	⅛"
SL3	1"	¼"
SL4	1¼"	¼"
SL5	1½"	¼"

A548.

Similar to above, but without interior tube for wick.

No.	Diameter Across Hex.	Screwed Gas
23	1"	⅛"
24	¾"	⅛"
25	⅝"	⅛"
26	½"	¼" 26 thread

Suet Lubricator

A549.

"DASPYL"

	Gun Metal.			Ordinary.		
Size Diameter .. .	1¼	1½	2	2½	3	3½
Size of Thread, Gas	⅜	⅜	½	½	¾	¾

Tallow Cup

A550.

	Double.			"Daspyl."		
Size, Diameter	1	1¼	1½	1¾	2	2½
Size of Thread, Gas	¼	⅜	½	½	½	¾

Lubricator, Plain

A551.

Size .	0	1	2	3	4	5
Capacity, ozs.	1	1¼	1½	2½	4	5

Lubricator, Sight-Feed

A552.

Sizes	0	1	2	3	4	5
Capacity, ozs.	1	1½	2½	4	5	10

The name "Daspyl" is your Guarantee of Highest Quality and Keenest Value.

Order by Number Only.
Do Not Cut Catalogue.

SLUICE VALVES

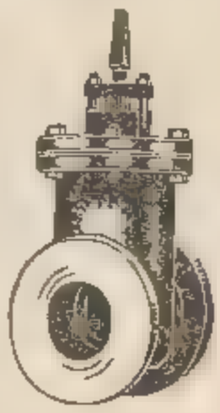
A560. A561.

FLANGED OR FAUCET

Victorian Water Supply and Melbourne and Metropolitan Board of Works Standard

Valve and Chest Gun Metal

Faced, and Gun Metal Spindle and Nut.



For Sluice Valve Covers See Page 22

Size	Flanged Approx. Weight in lbs.	Flanged Length, Face to Face	Flanged Dia. of Flanges	Faucet Approx. weight in lbs.
3	90	8¼	7½	100
4	120	9¾	8½	123
5	173	10	10	191
6	223	10⅝	11	248
7	364	12¼	12	358
8	431	15¾	13¼	420
9	564	15	14½	549
10	595	16	16	576
12	813	14½	18	728
13	850	15¼	19¼	850
14	952	16¼	20¾	950
15	1162	17⅝	21¾	1128
16	1176	17¼	22¾	1176
18	1776	20½	25¼	—
20 .. .	2128	18	27¾	1931
24	4032	21	32½	4032

CAST IRON WATER PIPES, Crosses, Tees, Bends. . . . . :

Cast Iron Crosses, Faucet Ends
A562.

Sizes: 3", 4", 5", 6", 7", 8", 9", 10", 12".

Cast Iron Crosses, Faucet Ends
REDUCING

Sizes:

4" x 3"	8" x 5"	10" x 6"
5" x 3"	8" x 6"	10" x 7"
5" x 4"	8" x 7"	10" x 8"
6" x 3"	9" x 3"	10" x 9"
6" x 4"	9" x 4"	12" x 3"
6" x 5"	9" x 5"	12" x 4"
7" x 3"	9" x 6"	12" x 5"
7" x 4"	9" x 7"	12" x 6"
7" x 5"	9" x 8"	12" x 7"
7" x 6"	10" x 3"	12" x 8"
8" x 3"	10" x 4"	12" x 9"
8" x 4"	10" x 5"	12" x 10"

In the above the first size given refers to diameter of Main and the second size to that of the two Branches.

Cast Iron Bends
A563.

90 DEGREES

With two Faucets

Made to special order only.

Cast Iron Springs
A564.

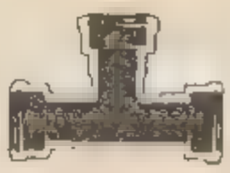
45 DEGREES

Sizes: 3", 4", 5", 6", 7", 8", 9", 10", 12".
Springs made to any degree to special order.

Cast Iron Bends
A565.

90 DEGREES
SPIGOTS & FAUCETS

Sizes: 3", 4", 5", 6", 7", 8", 9", 10", 12".



Cast Iron Tees, Faucet Ends
A566.

All equal

Sizes: 3", 4", 5", 6", 7", 8", 9", 10", 12".

Cast Iron Tees
A567.

Faucet and Spigot in Main Faucet Branch
Sizes: 3", 4", 5", 6", 7", 8", 9", 10", 12".

Cast Iron Tees
A568

REDUCING

Faucet Ends

Sizes.

4" x 3"	8" x 5"	10" x 6"
5" x 3"	8" x 6"	10" x 7"
5" x 4"	8" x 7"	10" x 8"
6" x 3"	9" x 3"	10" x 9"
6" x 4"	9" x 4"	12" x 3"
6" x 5"	9" x 5"	12" x 4"
7" x 3"	9" x 6"	12" x 5"
7" x 4"	9" x 7"	12" x 6"
7" x 5"	9" x 8"	12" x 7"
7" x 6"	10" x 3"	12" x 8"
8" x 3"	10" x 4"	12" x 9"
8" x 4"	10" x 5"	12" x 10"

Cast Iron Water Pipes
A569.

WITH SHALLOW FAUCET

Designed specially to economize Lead in jointing.

Victorian Water Supply and M.M.B.W. Standard

Size	Approx. Weight per 9' length c. qr. lbs.	Approx. Weight per 12' length c. qr. lbs.	Thickness
3 . ..	1 0 10	—	⅜
4 .. .	1 1 20	—	⅜
5 . ..	2 0 14	—	⅜
6	2 1 24	—	⅜
7	3 0 7	4 0 17	½
8 .. .	3 2 23	4 3 9	½
9 . ..	4 2 21	6 0 2	9/16
10	5 1 23	7 0 14	9/16
12	6 3 18	9 0 0	⅝

Pipes over 6" diameter made only in 12 ft. lengths unless specially requested in 9 ft. In latter case an extra rate is charged

The approximate weight of Lead used in jointing these pipes is as follows:—3", 2½ lbs.; 4", 3½ lbs; 5", 6 lbs.; 6", 8 lbs.; 7", 8½ lbs.; 8", 9½ lbs.; 9", 12 lbs.; 10", 14½ lbs.; 12", 17½ lbs.

Cast Iron Sockets
A570.

Sizes: 3", 4", 5", 6", 7", 8", 9", 10", 12".

Cast Iron Faucet and Flanged Piece
A571.

Sizes: 3", 4", 5", 6", 7", 8", 9", 10", 12".

Cast Iron Thimbles
A572.

To Slip over Pipe

Sizes: 3", 4", 5", 6", 7", 8", 9", 10", 12".

Cast Iron Caps
A573.

If required we tap these caps to take W.I. Pipe.

Sizes: 3", 4", 5", 6", 7", 8", 9", 10", 12".

Cast Iron Dead Ends
A574.

If required we tap these Dead Ends to take W I. Pipe.

Sizes: 3", 4", 5", 6", 7", 8", 9", 10", 12".

Cast Iron Flanged Crosses
A575.

Made to special order only.

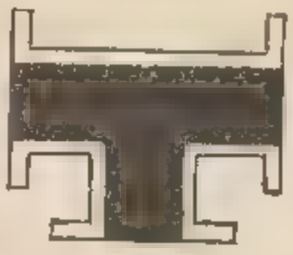
Cast Iron Bends
A576.

90 DEGREES
Flanged Ends

Made to special order only.

Cast Iron Flanged Pipes
A577.

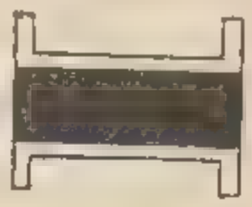
Faced Ends. In 9 ft. lengths.
Sizes: 3", 4", 5", 6".



Cast Iron Flanged Tees
A578.

Made to special order only.

Cast Iron Distance Pieces
A579.



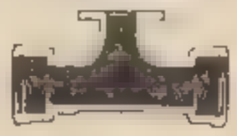
For Fire Plugs, etc.

Diameter: 3". In 6", 9", 12", 15", 18" and 24" lengths.

Cast Iron Spigot and Flanged Piece
A580.

Sizes: 3", 4", 5", 6", 7", 8", 9", 10", 12"

Cast Iron Tees, Fire Plug
A581.



With Outlet to Suit Fire Plugs

Sizes: 3", 4", 5", 6", 7", 8", 9", 10", 12".

Sluice Valve Keys
A582.

Long (as illustrated).
Short, made in one piece.

JOHN DANKS & SON PTY. LTD.

MELBOURNE AND SYDNEY

C.I. Bolted Thimbles
A583.

For Repairing Fractures in C.I. Mains, etc.
Sizes: 2", 2½", 3", 4", 5", 6", 9".

FIRE PLUGS AND ACCESSORIES

Fire Plugs
A584.

Victorian Water Supply and Melbourne and Metropolitan Board of Works Standard. Supplied complete with Balls and Washers

Fire Plugs, Patent Spring
A585.

The action of these will be readily understood by a study of the sectional drawing herewith. In place of the usual ball, a Gun Metal Spherical Segment is substituted, and kept in place against the ring by the springs as shown. This keeps all offensive matter out of the mains when the pressure is low. Another important point is that in hot districts the India Rubber, Ebonite or other balls quickly perish or crack, necessitating frequent renewals, while in this type the fault is impossible. We have supplied these Fire Plugs in large quantities to the Country Water Trusts in this and other States.

Copper Cage
A586.

With heavy Brass Spring for inserting into Fire Plugs in order to keep the ball against the seat when the pressure in main is low. Also showing Ebonite Fire Plug Ball

C.I. Flanges for Fire Plugs
A587.

Used for connecting Fire Plugs to Wrought Iron Pipe Mains, with bolt holes to suit flanges of Fire Plugs and tapped for pipe sizes: 1½", 2", 2½", 3".

Fire Plug Covers
A588.

Victorian Water Supply and Melbourne and Metropolitan Board of Works Standard.

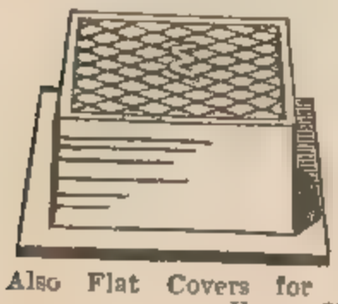
These covers are made to suit M.M.B.W. Standard Fire Plugs.

C.I. Inspection Boxes
A589.

In one size only and stocked by Sydney House.

Sluice Valve Covers
A590.

Victorian Water Supply and Melbourne and Metropolitan Board of Works standard.



C.I. Footpath Boxes
A591.

FOR STOP COCKS

Sizes, inside measurement: 4" x 4", shallow; 4" x 4", deep.

Also Flat Covers for leading into Stone Flags, Horse Shoe Shape.

C.I. Footpath Box
A592.

New Pattern

For Concrete Roads.
Size: 6½" x 6½".

C.I. Footpath Box
A593.

Fitzroy Pattern

C.I. Footpath Box
A594.

For Stop Cocks

Sydney Water Board Standard Pattern.
Stocked by Sydney House only.

PILLAR HYDRANTS
A595.

This type of Street Hydrant is now being used in place of the ordinary Fire Plug by the Melbourne and Metropolitan Board of Works, and is usually fixed on kerb or footpath. Single Outlet, as shown, and Double Outlet.

Can also be supplied with Flanged Base to sit on Tee Piece if required.

Blow-Off Hydrant Valves
A596.

For Double Hydrants.
Size: 2½" F.B.

Screw Down Hydrant
A597.

With 3" Flange

Body of Cast Iron with Bronze Gland and Valve Seat.

Main Clips
A598.

WROUGHT IRON

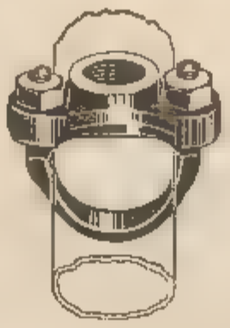
To prevent cracking or fracturing C.I. Mains when tapping for water service, or when used blank for repairing or strengthening mains. Made with four bolts as shown, and also with two bolts.

Size of Main	Size of Tapping	Size of Main	Size of Tapping
2½"	½"	7"	2"
3"	¾"	8"	2½"
4"	1"	9"	3"
5"	1¼"	10"	
6"	1½"	12"	

Main Clip
A599.

MALLEABLE IRON

Very useful for repair purposes oft preventing the necessity of putting in a new length of pipe.
Sizes: ½", ¾", 1".



Clips for W.I. Pipe
A600.

Size of Pipe	Size of Tapping
1½"	½"
1½"	¾"
2"	½"
2"	¾"
2"	1"
2½"	¾"
2½"	1"
2½"	1¼"
3"	1"
3"	1¼"

C.I. "D" Retention or Back Pressure Valves
A601.

FOR WATER MAINS

Made in 3" and 4" Flanged or Spigot and Faucet Ends; 5" up to 8" Flanged ends only.

A602.

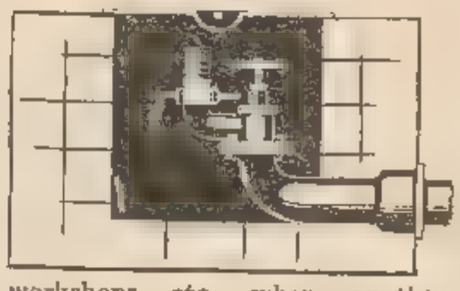
As above, Flanged.

C.I. Hatch Boxes
A603.

FOR WATER MAINS

Used for the purpose of enabling Mains to be scraped and cleaned
Sizes: 4", 5", 6", 7", 9", 12".

Above illustration shows section of Hatch Box.



Mill Cocks
A620.

Gun Metal Flanged

This Cock is made for fixing underground in brick pits, and is for use in the yards of workshops, etc., where anything projecting above ground is likely to be damaged.

These cocks are largely used by the Victorian Railways.

Size: 2" with 2½" Nut and Tail.

C.I. Covers and Frames for same to fit Pits, inside measurement: 18¾" square.

C.I. Air Escape Valves
A621.

For Water Mains

Screwed or Flanged.
Sizes: ½", ¾", 1", 1¼", 1½", 2", 2½", 3", 4".

Brass Air Escape Valves
A622.

For Wrought Iron Pipes

Sizes: ½" and ¾" Gas.

Jets and Cones
A623.

When fitted in a W.I. Tee Piece as shown in sectional drawing, this handy contrivance is used as an ejector for emptying cellars, basements, etc., of water. In fixing it may be found necessary to adjust the Jet to get the desired result
Sizes: ½", ¾", 1".

Concussion Jet
A624.

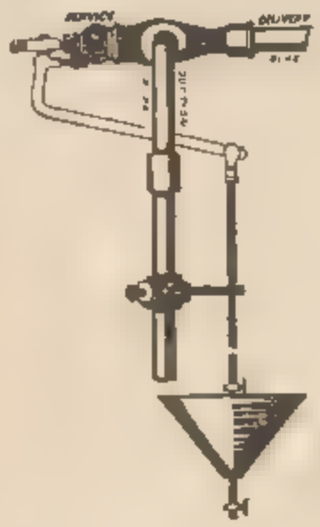
Used in fitting up Press Button Spring Cocks to stop jarring in Water Pipes when Cocks are shut off.
Size: ¾".

Cold Water Ejector
A625.

An efficient appliance for raising water from cellars, basements, etc., by means of the water pressure from street mains.
Sizes: ½", ¾", 1", 1¼", 1½".

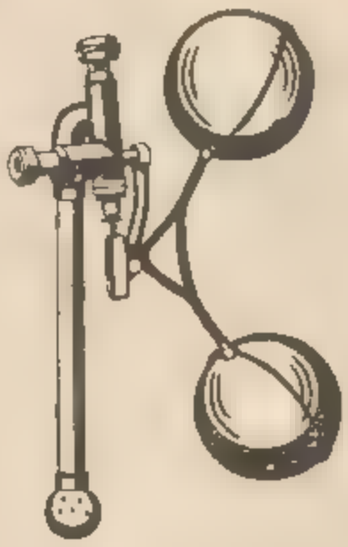
Automatic Water Ejectors

AUTOMATIC SYPHONS or CELLAR PUMPS



(1)

(2)



(3)

(1) Automatic Water Ejector, "Daspyl"
A626.

Patent Automatic Syphon or Cellar Pump, worked by water pressure from ordinary main, a connection being made from the service pipe to the inlet of the valve, which is operated by the lever attached to a copper float. This float is set to hang in an excavation below the cellar floor, into which all water accumulating, drains. As the water rises it acts upon the float, thus opening the valve, the syphon immediately ejecting the water into the street channel or elsewhere through the delivery pipes. As the water falls in the excavation in the cellar, so also does the copper float, which closes the valve and stops the syphon from working until the water rises sufficiently to open valve. Sizes: ¾", 1".

(2) Automatic Water Ejector
A627.

An improved Automatic Syphon which has an action on the high pressure inlet, whereby it does not operate till the well in which the syphon works is full.
It then lets in the high pressure, which continues till the well is empty. By this it will be seen that any waste through the syphon "dribbling" is saved. Size: ¾".

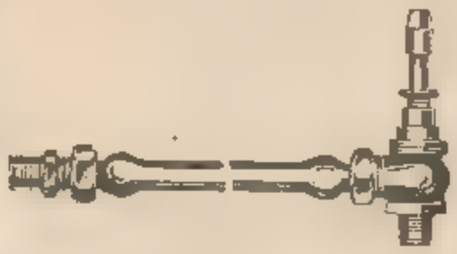
(3) Automatic Water Ejector
A628.

Made in two sizes: ¾" with 1" discharge; 1¼" with 2" discharge.

Directions for Fixing:

The size of the well required is 1' 9" x 1' x 2' deep. If firmly fitted with iron pipes no other support is required. Do not fix the Ejector lower down than is necessary; every foot lower may mean much extra drainage and also greater proportionate cost to elevate. No stop cocks or unions are required, but may be used for convenience in fixing. Keep the well as clear of refuse as possible, as owing to the very strong suction in this Ejector some of the perforations are liable to become clogged with paper, etc., and so prevent the greatest economy possible. With this view in mind it is well to unscrew and clean out the suction pipe say once or twice a year, or as occasion might require.

"DASPYL" means QUALITY.



Lead Main Connections
A629.

Made in Light and Heavy Weight.
Sizes: ½", ¾", 1", 1¼", 1½", 2"

Rathbone Nipples
A630.

For inserting into Fibrolite Pipe when a tapping is necessary.

Size: ¾".

Levers or Wrenches for Cocks
A631.

Malleable Iron

Square Diamond

Long W.I. Nipples
A632.

Galvanised or Black
Sizes: ⅛", ¼", 1", 1¼", 1½", 2", 2½", 3", 4"; each size in lengths of 3", 4", 6".

Space W.I. Nipples
A633.

Galvanised or Black
Sizes: ½", ¾", 1", 1¼", 1½", 2".
Also in Brass.

Malleable Iron Return Bends
A634.

OPEN PATTERN
Galvanised or Black
Sizes: ½", ¾", 1", 1¼", 1½", 2".

Malleable Iron Three-Way Elbows
A639.

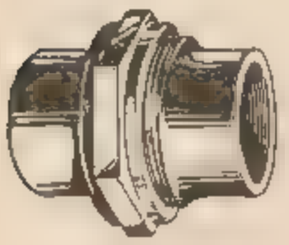
With Extra Branch or Side Outlet
Galvanised and Black.
Sizes: ½", ¾", 1", 1¼", 1½", 2".

Malleable Iron Four-Way Tees
A640.

With Extra Branch or Side Outlet
Galvanised and Black.
Sizes: ½", ¾", 1", 1¼", 1½", 2".

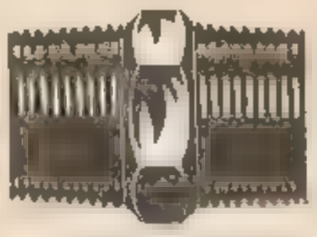
Malleable Iron Five-Way Crosses
A641.

With Extra Branch or Side Outlet
Galvanised and Black.
Sizes: ½", ¾", 1", 1¼", 1½", 2".



Malleable Iron Unions
A635.

Galvanised and Black
Sizes: ¼", ⅜", ½", ¾", 1", 1¼", 1½", 2", 2½", 3", 4".



Hexagon Nipples
A637.

Supplied in Black, Galvanised or Steam Malleable Iron.
Sizes: ¼", ⅜", ½", ¾", 1", 1¼", 1½", 2", 2½", 3", 4".
⅜" x ¼", ½" x ¼", ½" x ⅜", ¾" x ½", 1" x ¾", 1¼" x 1", 1½" x 1¼", 2" x 1½", 2½" x 2", 3" x 2½".

Unions, Iron with Brass Seat
A636.

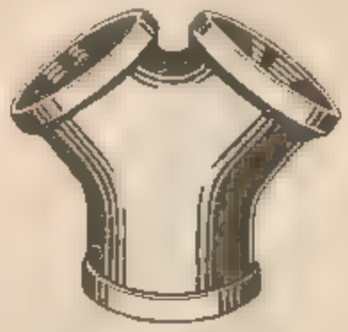
Galvanised and Black

This union is a great favourite with Steam and other Fitters, the iron to brass connection preventing rusting. The ground Ball Joint dispenses with Gasket and makes a tight connection even though the alignment of pipe be imperfect.
Sizes: ¼", ⅜", ½", ¾", 1", 1¼", 1½", 2".

Order by Number Only—
DO NOT CUT CATALOGUE.

A638. Malleable Iron Bushes

Galvanised and Black
Sizes: ¼" x ⅛", ⅜" x ⅛", ⅜" x ¼", ½" x ¼", ½" x ⅜", ¾" x ¼", ¾" x ⅜", ¾" x ½", 1" x ¾", 1" x ½", 1" x ¾", 1¼" x ½", 1¼" x ¾", 1¼" x 1", 1½" x ¾", 1½" x 1", 1½" x 1¼", 2" x ½", 2" x ¾", 2" x 1", 2" x 1¼", 2" x 1½", 2½" x 1", 2½" x 1¼", 2½" x 1½", 2½" x 2", 3" x 1", 3" x 1½", 3" x 1½", 3" x 2", 3" x 2½", 4" x 2", 4" x 2½", 4" x 3".



Malleable Iron Y Pieces
A642.

Galvanised

Branch is at an angle of about 45 degs.
Sizes: ½", ¾", 1", 1¼", 1½", 2", 2½", 3", 3½", 4".

JOHN DANKS & SON PTY. LTD.

MELBOURNE AND SYDNEY

PRESSED STEEL SPLIT PULLEYS

A643.

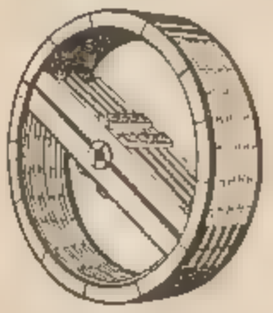
Prices on application.

Sizes: Diameter from 3″ up to 60″.

Width of face: 2″ up to 12″.

WOOD SPLIT PULLEYS

A644.



Prices on application.

Sizes: Diameter from 4″ up to 48″.

Width of face: 3″ up to 12″.

Malleable Iron Fittings

A645.

Galvanised and Black.

(1) Bends, Male and Female

(2) Bends, Female.

(3) Elbows, Female.

(4) Elbows, Male and Female.

(5) Tees (even and reducing).

(6) Crosses (even and reducing).

(7) Caps.

(8) Locknuts.

(9) Sockets (plain and reducing).

(10) Flanges.

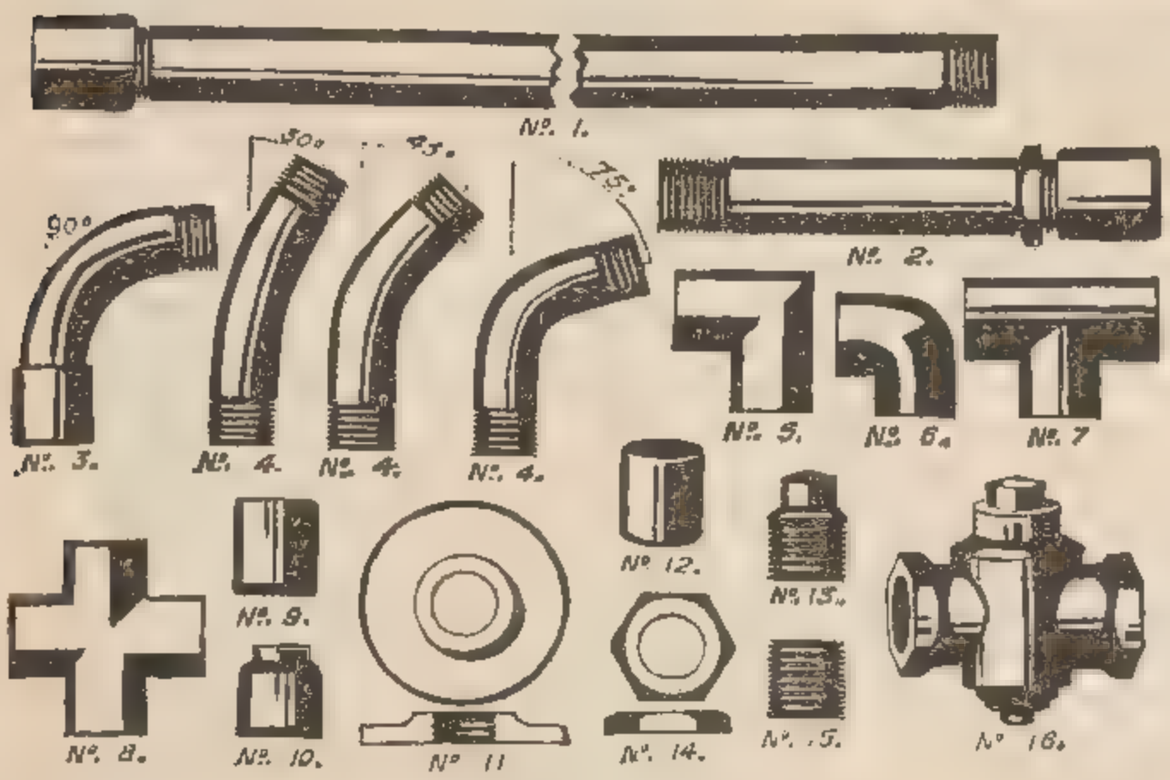
(11) Plugs.

(12) Junctions, 45 degrees.

Tees, Elbows and Crosses also obtainable with Side Outlet.

WROUGHT IRON PIPES and FITTINGS

DANKS for PICKS, CROWBARS, SHOVELS & EXCAVATING TOOLS



WROUGHT IRON PIPES AND FITTINGS

A646.

Note—Iron Pipe sizes are the internal diameters of the pipes, and the fittings screwing on the outside of the pipe are said to be of the size of the pipe they fit.

No.	Internal Diameter in Inches
TUBES—	
1.	Tubes.
2.	Long Screws, 3 to 23½″ long
3.	Bends.
4.	Springs, not socketed.
FITTINGS—	
5.	Elbows, square.
6.	Elbows, round.
7.	Tees.
8	Crosses.
9.	Sockets, plain.
10	Sockets, Reducing
11.	Flanges.
12.	Caps.
13	Plugs.
14.	Backnuts.
15.	Nipples.
COCKS—	
16.	Main Cocks, Cast Iron.
16.	Main Cocks, with Brass Plugs.

For approximate weights of W.I. Pipes and Fittings, see Page 30.

Australian Leather Belting

Australian Leather Belting

A647.

Sizes from 1″ up to 6″.

SOLID ROUND LEATHER BELTING

Sizes: 3/16ths″, ¼″, 5/16ths″, ⅜″, ½″, ⅝″.

"Flexo-Grip" Belt Dressing

A648.

This Belt Paste adds life and gripping properties to belts, allowing them to be worked slack, and at the same time making it possible for them to generate more power than would be practicable if tight.

In 1 lb., 2 lb., 5 lb. and 10 lb. tins.
Also in 1 lb. sticks.

Belt Fasteners, Belt Lacing, Shafting, Ball Bearings, Pulley Couplings, Hangers and other Transmission Goods.

"PENETRENE"

A649.

THE JOINT BREAKER

"Penetrene" is the greatest help to engineers for removing rusted nuts in any type of work.
Put up in 6 oz., 15 oz., 1 qt., ½ gal., 1 gal., 4 gal. Tins, and 5 gal. Drums.

Flake or Powdered Graphite

A650.

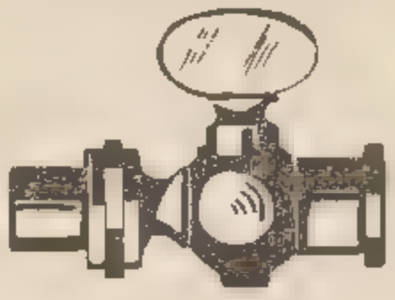
FINE OR COARSE

In 1 lb., 5 lb. and 10 lb. tins.

DANKS' FOR BATHS AND BATHROOM ACCESSORIES

BRASS GAS FITTINGS

A651.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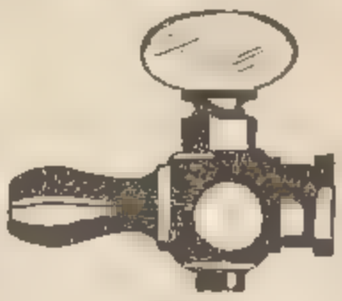
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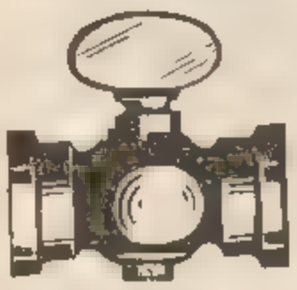
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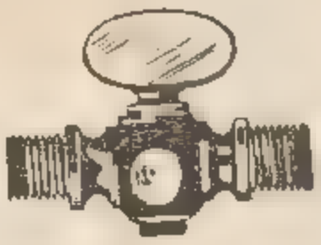
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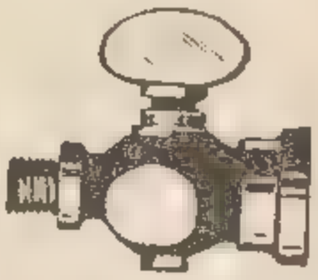
A660.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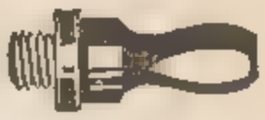
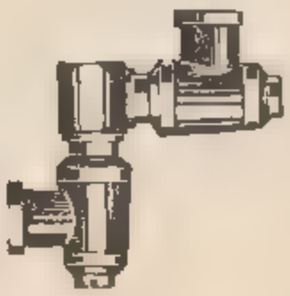

A671.

A668.


A669.

A670.

A672.

A673.

A651—Compo Cocks, Tinned Ends. Sizes: ¼", ⅜", ½".

A652—Union Cock. Sizes: ⅜", ½" Brass, and ¼" Iron.

A653—Flexible Tube Cock. Sizes: ⅜", ½" Brass, and ¼", ⅜", ½" Iron. Male or Female.

A654—Cigar Cock for Brass. Size: ¼" Brass.

A655—Male End Cock for Brass. Size: ⅜".

A656—Nose Cock for Brass, Sizes: ⅜", ½", ⅝", ¾"; Iron, ¼", ⅜", ½"

A657—Pendant Cock. Sizes: ⅜", ½", ⅝" Brass; ¼", ⅜", ½" Iron.

A658—Bunsen Rose or Atmospheric Burner. Sizes: 1¼", 1½", 2", 2½", 3".

A659—Elbow Cock. Sizes: ⅜", ½", ⅝", ¾" Brass; and ¼", ⅜", ½" Iron.

A660—Single Swivel Cocks. Sizes ½" x ⅜", ⅝" x ⅜", ⅝" x ½" Brass; ¼" x ⅜", ⅜", ½" x ⅜" Iron.

A661—Brass Elbow. Sizes: ⅜", ½", ⅝", ¾", 1".

A662—Nose Pieces for Brass. Sizes: ⅜", 7/16", ½", ⅝", ¾", 7/16" F. x ½" M., ½" F. x ½" M., ⅝" F. x ½" M., ¾" F. x ½" M. Also Iron Pipe size, Female End

A663—Ceiling Plate. Sizes: ⅜", ½", ⅝", ¾", 1", 1¼" Brass; ¼", ⅜", ½", ¾", 1" Iron.

A664—Straight Dropscrew for Brass. Size: ⅜" x 1½".

A665—Brass Tee for Brass. Sizes: ⅜", ½", ½" x ⅜", ⅝", ⅝" x ½", ¾", 1".

A666—Brass Cross for Brass. Sizes: ⅜", ½", ⅝", ¾".

A667—Elbow Dropscrew for Brass. Sizes: ⅜" x 1¼", ⅜" x 1½".

A668—Double Swivel. Sizes: ⅜", ½", ½" x ⅜", ⅝", ⅝" x ½", ⅝" x ⅜" Brass; ¼", ⅜", ⅜" x ¼", ½", ½" x ⅜" Iron.

A669—Universal Swivels for Iron. Sizes: ¼", ¼" x ⅛", ⅜", ⅜" x ¼", ½", ½" x ⅜", ½" x ¾".

A670—Air Bulb for Iron Sizes: ½", ¾", 1", 1¼", 1½".

A671—Flexible Tube Nozzle for Brass. Size: ⅜". Male or Female.

A672—Brass Socket for Brass. Sizes: ¼", ⅜", ⅜" x ¼", 7/16", ½", ½" x ⅜", ⅝", ⅝" x ½", ¾", ¾" x ½", 1".

A673—Single Swivel. Sizes: ⅜", ½", ½" x ⅜", ⅝", ⅝" x ½", ⅝" x ⅜" Brass; ¼", ⅜", ⅜" x ¼", ½", ½" x ⅜" Iron.

We also stock Fittings for the Installation of Bottle or Rock Gas.

A674. Italian Hemp Packing

A long strand packing for jointing screwed water pipes and fittings.

A675. Jute Packing

For Jointing C.I. Mains

A676. Lead Wire Packing

Sizes: 20, 18, 16, 14, 12 gauge, ⅛", 3/16ths", ¼", ⅜", ½".

Fluxite Soldering Paste

A677.

A Flux that solders practically any metal (except Aluminium). Invaluable to engineers.

It does not corrode, and is thoroughly reliable for electrical work. With it dirty, greasy and even painted metals (except iron) may be soldered without cleaning or preparation.

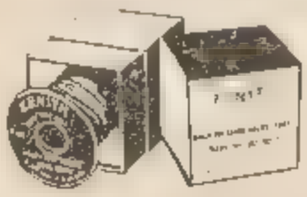
Being a paste, it can be safely carried in the Tool Bag. It is self adhesive, economical in use, and effects a big saving in time and solder.

Put up in Handy Midget, Medium and Large Tins.

A678. Sheet Insertion

A general purpose packing.

Made in 1/32nd", 1/16th" ⅛", 3/16ths", ¼", 5/16ths", ⅜" thick.



"Zenith" Twist Packing

A679.

(Any size by unstranding) In 1 lb. spools.

⅛" contains 120 ft. to lb.
3/16ths" contains 75 ft. to lb.
¼" contains 50 ft. to lb.

Made of a material that heat cannot affect, has high tensile strength, and each strand is so thoroughly saturated with graphite grease lubricant that it does not harden in service.

An ideal packing for small valve spindles such as globe valves, blow off cocks, injectors, etc.

"Jay-Dee" Sheet Packing

A680.

An excellent jointing for steam and motor work.

This packing makes a perfectly tight joint; one that will not squeeze, blow or burn out. Sold in sheets 39½" square, 1/32nd", 1/16th", ⅛" and 3/16th" thick

A681. Pipe Joint Compound

This compound is a substitute for Red Lead. It makes as tight a joint, yet it preserves the threads and allows of the joints being disconnected with ease. It goes further, therefore it is cheaper, as well as better than Red Lead. In 1 lb., 5 lb., 10 lb. tins

Packings—Asbestos Cord or Yarn

A682.

Sizes: ⅛", 3/16ths", ¼", 5/16ths".
Plated: ½", ⅝", ¾", 1".

Asbestos Lagging

A683.

For Steam and Hot Water Pipes. Sizes: ⅝", ¾", 1".

Do Not Cut Catalogue—
ORDER BY NUMBER.

"Lomoto" Packing
A684.

Round or Square

Each strand a reservoir of lubricant. Plaited, round or square. For all steam pressures. Especially adapted to high pressure and superheated steam. Does not harden in service.
Sizes stocked: ⅜", ½", ⅝", ¾".

Greasy Hemp Packing
A685.

Sizes: ⅜", ½", ⅝", ¾", ⅞", 1".
Hand plaited, soaked in tallow
A splendid packing for lifts and hydraulic work

You are cordially invited to write for particulars of any special size or design of any item in this Catalogue you may require.

Sundry Products—See also Pages 24, 25

Agnew's Iron Cement
A686.

A chemically prepared compound in powdered form, applied as a paste or putty.
Suitable for repairing leaks or breaks in castings and for making connections in steam or hydraulic work.
It is quick hardening. Sold in tins with directions in each.
½ lb. and 1 lb. tins and larger.

Hair Felt
A687.

For Covering Hot Water Pipes
In sheets 32" x 20".
Also in Rolls 6 ft. wide with Hessian Reinforced Centre and Strips 36' long x 2" x 4".

Case Hardening Compound
A692.

"KASENIT"
A uniform and effective Case Hardening Compound for all kinds of Iron and Steel.
In ½ lb., 1 lb., 3 lb. and 7 lb. tins.

Asbestos Millboard
A688.

In sheets 40 x 40".
Thickness: 1/32nd", 1/16th", ⅛", 3/16ths, ¼".

Leather Valve Washers
A689.

For H.P. Cocks
Sizes: ½" up to 3".
Standard and Medium

Fink Washers
A690.

For Hot Water Cocks
Sizes: ½" up to 3".

Baker's Soldering and Tinning Flux
A691.

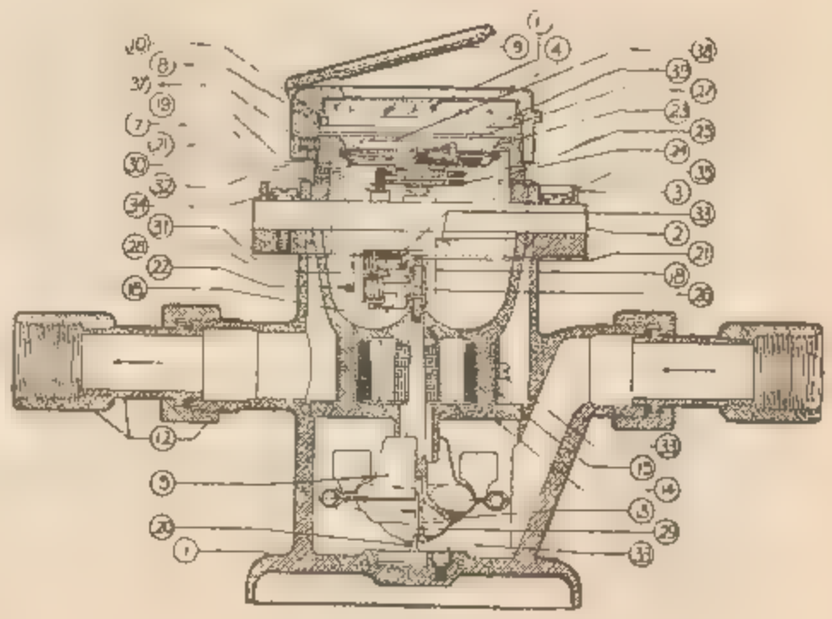
Liquid Flux. The Super Flux for General Use. Quick, clean and economical. Tins as well as cleans, and makes a clean, strong joint that will withstand any amount of strain.
In 3½, 8, 12, 20, 32 fl. oz. tins, and in ½ and 1 gal. cans and in bulk.

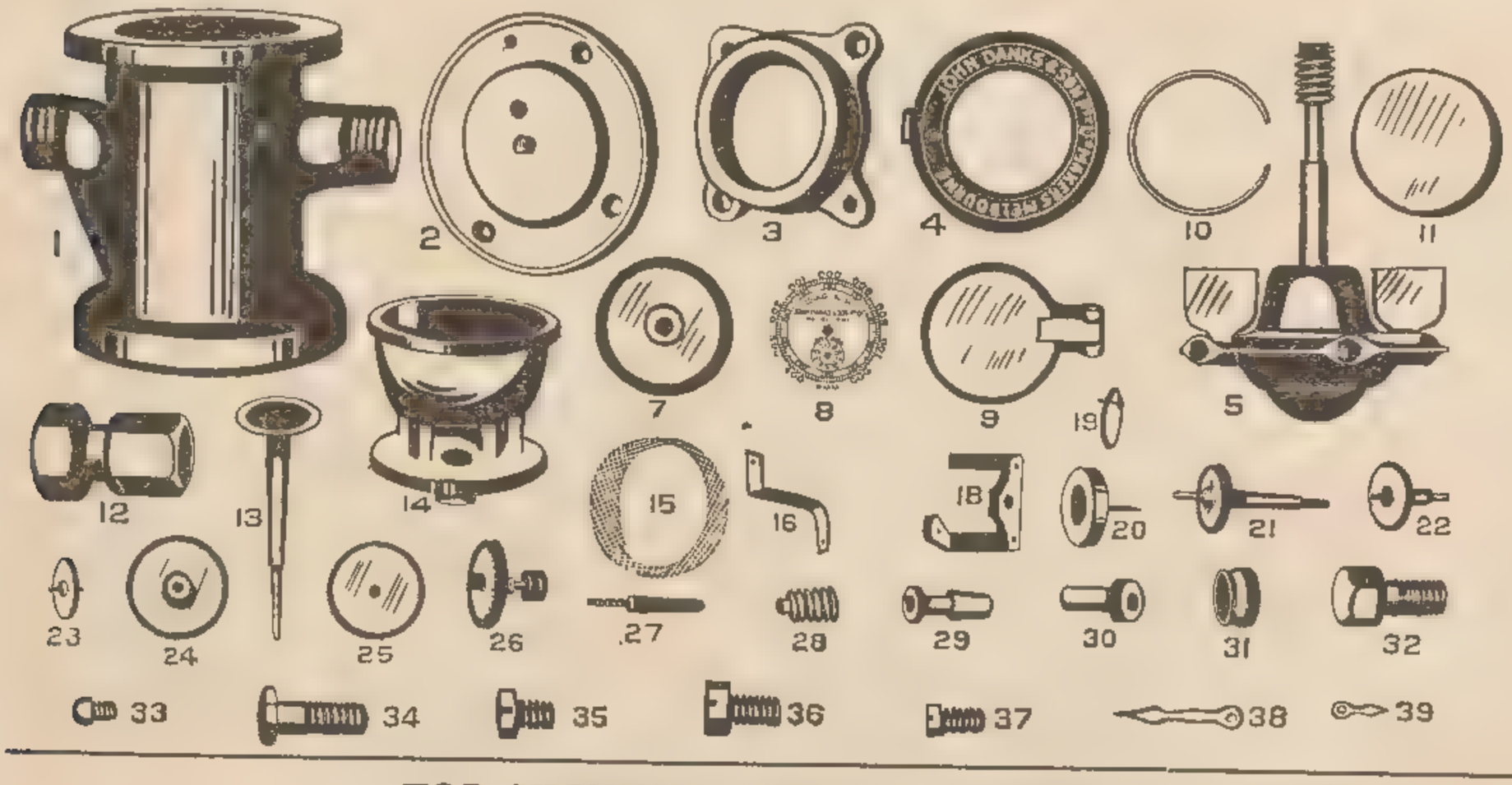
WATER METERS

A693.

NAMES OF WATER METER PARTS
As per Numbered Diagram and Illustration of Spare Parts.

1. Body.
2. Works Plate.
3. Top Frame.
4. Name Plate.
5. Drum, Spindle and Worm.
7. Dial Pan.
8. Dial.
9. Flap Lid.
10. Glass Retaining Ring.
11 Glass.
12. Nut and Tail (2), for Inlet and Outlet.
13. Drum Spindle.
14. Grease Cup.
15. Grease Cup Strainer.
16. Spring Bracket.
18. Tangent.
19 Balance Weight for Dial Pan.
20. Toe Pin.
21. Stuffing Box Spindle and (40) Wheel.
22. Intermediate (40) Wheel and Pinion.
23 (60) Wheel for Dial.
24. (100) Wheel for Dial
25. (101) Wheel for Dial
26. Tangent Wheel and Worm.
27. Dial Spindle.
28. Drum Spindle Worm.
29. German Silver Bush for Drum
30. Stuffing Box Barrel.
31. Stuffing Box Cup.
32. Set Screw and Washer for Works Plate
33. No. 2 Screw used on Toe Pin, Strainer and Tangent Bracket.
34. No. 3 Seal Screw for Works Plate.
35. No. 4 Seal Screw for Works Plate.
36. No. 5 Screw for Works Plate.
37. No. 6 Screw for Name Plate.
38. Large Hand.
39. Small Hand.
40. (Not illustrated), Leather Washer 1or No 12 Nut and Tail.





At left:

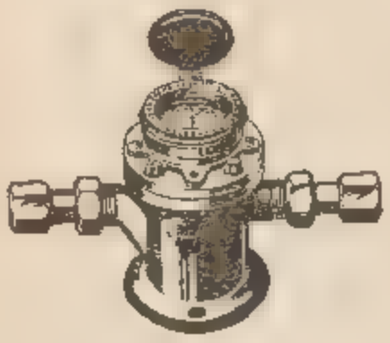
Spare Parts of Water Meter

Refer to Table above for name, and diagram for location of parts.

WATER METERS

(CONTINUED)

A694.



These Meters are made in Gun Metal throughout, in sizes from ½" to 1½", and have screw connections. Sizes 2" to 12" are made with Cast Iron or Gun Metal bodies, have flanged connections and a separate dirt box.

Larger sizes are made to suit special requirements. These figures are in accordance with the Melbourne and Metropolitan Board of Works requirements, and we have supplied several thousands to that body.

The amount of water a meter will deliver under above conditions is as follows:—

				Gals. per hour	
½"	Meter	delivers	from	50 to	300
¾"	,,	,,	,,	110 ,,	1000
1"	,,	,,	,,	275 ,,	2500
1¼"	,,	,,	,,	400 ,,	3500
1½"	,,	,,	,,	570 ,,	5000
2"	,,	,,	,,	2000 ,,	7000
3"	,,	,,	,,	4500 ,,	14,000
4"	,,	,,	,,	7000 ,,	23,000
5"	,,	,,	,,	10,000 ,,	32,000
6"	,,	,,	,,	16,000 ,,	46,000

Sizes: ½", ¾", 1", 1¼", 1½", 2", 3", 4", 5", 6", 7", 8", 10", 12".

Cast Iron Cover

A695.

For Water Meters

Two sizes to suit ½" to 1" Meters, and 1¼" to 1½".

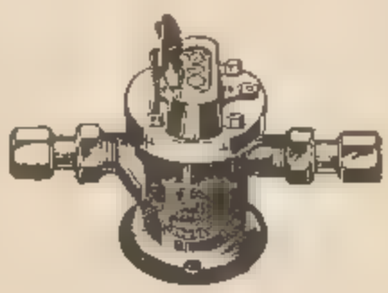
Water Meter

A696.

Sydney Water Board Standard

Sizes: ½", ¾", 1", 1¼", 1½", 2", 3".

The illustration represents Meters in ½" to 1½".



The 2" and 3" Meters have separate Dirt Boxes. Stocked by Sydney House only.

Cast Iron Covers

A697.

FOR WATER METERS

Sydney Pattern

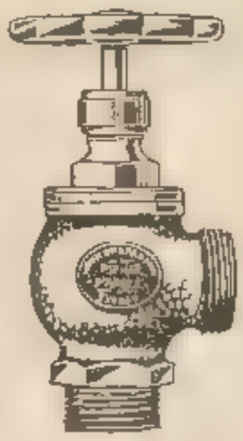
Sizes: ½", ¾", 1", 1¼", 1½", 2", 3"

SPECIAL NOTE!

Nuts and Tails for Melbourne, Sydney and Adelaide.

Fire Hose Cocks and Unions (Figs. A698, A699, A700, A702, A703), in Col. 2, can be had in reducing sizes for 1¼", 1½" and 2" Canvas Hose.

FIRE HOSE COCKS HYDRANTS CAPS NUTS TAILS Etc.



Fire Hose Cocks

A698.

5 1/5 Threads to inch. (Sydney Standard)
Right Angle Pattern.
Made in three sizes.

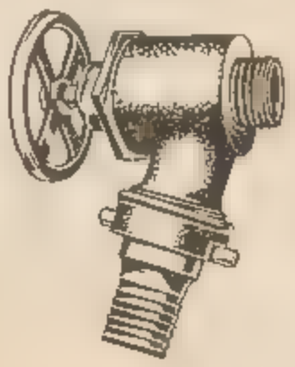
Inlet		Outlet
2"	x	2"
2"	x	2½"
2½"	x	2½"

Nuts and Tails supplied at extra cost if required.

Fire Hose Cocks

A699.

5 1/5 Threads to inch. (Sydney Standard)
With 45 degrees Angle Nose.
Made in 2½" only.
Nuts and Tails supplied at extra cost if required.
Other Fire Brigade Standards made to specifications.



Fire Hose Cocks

A700.

"Alexandra Pattern" (FULLWAY)

5 Thread Melbourne Fire Brigade Standard.
Sizes: 1½", 2" and 2½".
Noses of all sizes screwed to take 2½" in F.B. Standard Nuts.
Also in 3 Thread Country F.B. Standard.

Canvas Hose

A701.

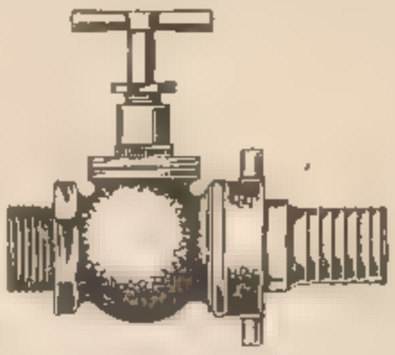
Sizes: 1½", 2", 2½".
Also made in the same pattern to suit 5 1/5 Thread Sydney F.B. Standard; Country Fire Brigades Board Standard; Adelaide Fire Board Standard.

Fire Hose Cocks

A702.

Stop Cock Pattern

Made in two sizes, both fitted with 2½" 5 Thread Melbourne F.B. Standard Nuts and Tails.
Size of Inlet: 2", 2½".
Also made in same pattern to suit 5 1/5 Thread Sydney F.B. Standard.



Fire Hose Unions

A703.

2½" Gun Metal
5 Thread, Melbourne F.B. Standard.
Also made in Country Fire Brigade Board Standard; Adelaide F.B. Standard.

Fire Brigade Y Pieces

A704.

2½" Gun Metal
5 Thread Melbourne F.B. Standard.
Also made in Country Fire Brigade Board Standard; Adelaide F.B. Standard.

Gun Metal Hydrant Cap

A705.

With Outlet Screwed, 1", 1¼", 1½", 2".
Melbourne F.B. Standard, 2½", 5 Thread.
Sydney F.B. Standard, 2½", 5 1/5 Thread.

Brass Hose Nuts and Tails

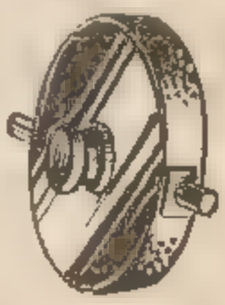
A706.

5 Thread Nut with Tail.
Screwed 2½" Gas Thread.
Melbourne F.B. Standard.

Gun Metal Hydrant Cap

A707.

Melbourne F.B. Standard, 2½", 5 Thread.
Sydney F.B. Standard, 2½", 5 1/5 Thread.



A708.

Brass Matching Pieces

5 Thread Melbourne F.B. Standard.
2½" F.B. to Gas Thread.
Sizes: 1¼", 1½", 2", 2½", 3".

Copper Fire Hose Directors

A709.

5 Thread Melbourne F.B. Standard.

Size	1¼"	1½"	2"	2½"	2½"	2½"	2½"	2½"
Length	16"	17"	18"	12"	18"	24"	30"	36"

With or Without Loose Male Ends.
5 1/5 Thread, Sydney F.B. Standard.
Country Fire Brigade Board Standard.
Adelaide F.B. Standard.

Canvas Hose

A710.

We stock good quality Canvas Hose for Fire Extinction, Street Sluicing, etc., in the following sizes:—
1", 1¼", 1½", 2", 2½", 3".

Hose Bracket

(SWINGING)

A711.

For Canvas Hose

In sizes to take:
100 ft. of 2½"
100 ft. of 2"
100 ft. of 1½"

Fireman's Key

A712.

For Couplings, Hydrants,

Finished in Japanned Steel, Polished Steel, Polished Steel and Nickel Plated.

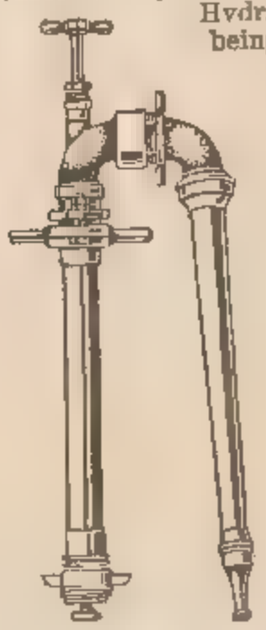
FIRE HYDRANTS

A713.

With Copper Barrels, Gun Metal Mountings and Revolving Heads

Made in: Single Head as shown, Double Head, Double Head with Lever Handle and three Thread Competition Outlets. For those requiring a very light Hydrant we make them in Aluminium, single and double head, the weight of a Double Hydrant in this metal being approximately 8 lbs.

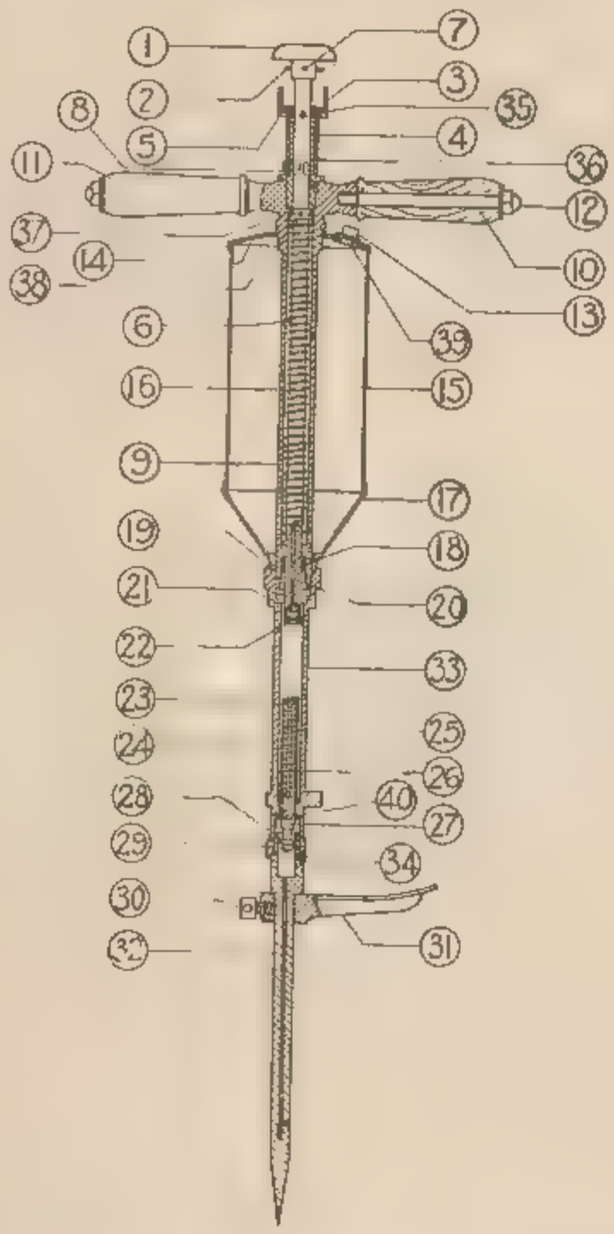
These Hydrants are made to suit Standard Fire Plugs.



Street Watering Hydrants

A714.

With Universal Joint and 30" Director.
5 Thread Standard Outlet.



Bi-Sulphide Injector

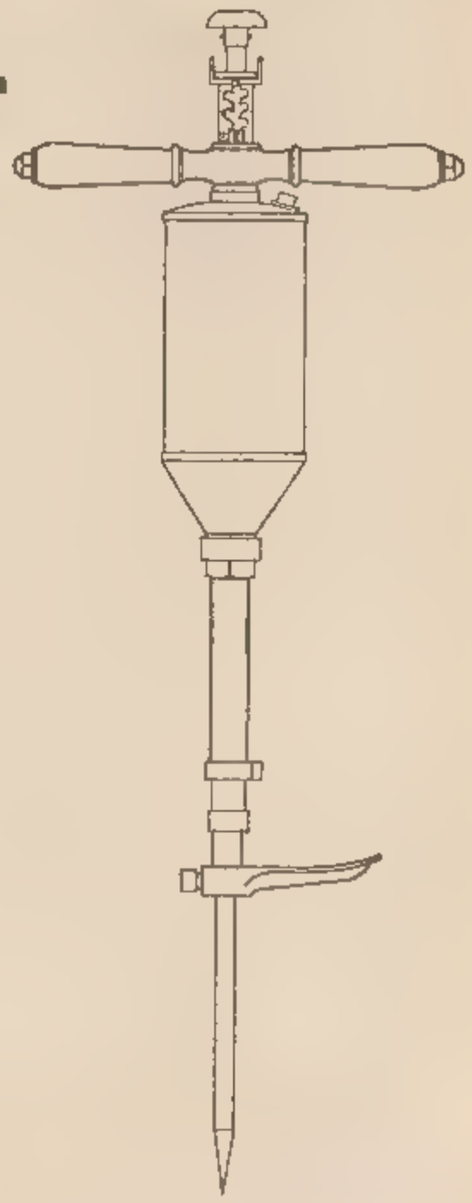
A715.

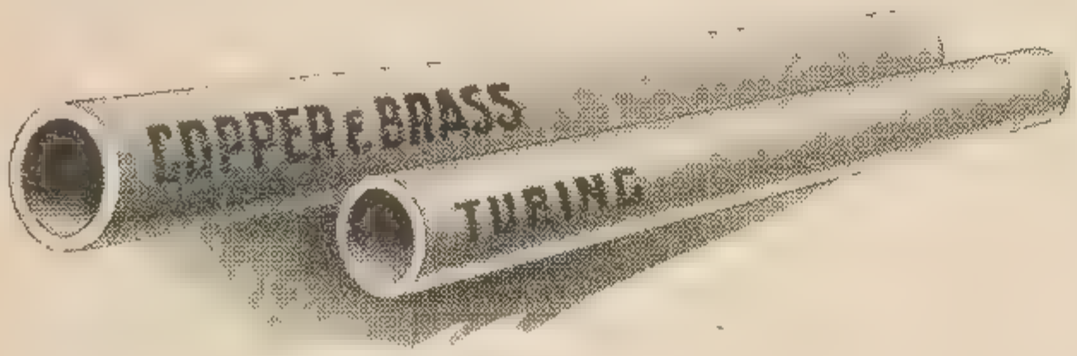
Component Parts (See Fig. on left)

This highly efficient injector is largely and successfully used to eradicate pests on sugar cane, etc.

Fig.
1. Plunger Handle.
2. Pins for Locking Ring.
3. Locking Ring.
4. Measuring Socket.
5. Collar.
6. Plunger.
7. Pin.
8. Setscrew.
9. Plunger Casing.
10. Handle Rod.
11. Handle.
12. Cap Nut.
13. Filling Plug.
14. Top of Container.
15. Tube Container.
16. Plunger Spring.
17. Bottom of Container.
18. Packing Washer.
19. Washer.
20. Gland.

Fig.
21. Ball.
22. Stop Pin.
23. Nut.
24. Valve Rod.
25. Valve Tube.
26. Valve Spring.
27. Valve Seat.
28. Valve Washer
29. Valve Nut.
30. Setscrew.
31. Footstep.
32. Driving Spike.
33. Valve Casing.
34. Washer.
35. Pins for Measuring Socket.
36. Plunger Guide.
37. Collars for Plunger.
38. Pin for Collar.
39. Washer.
40. Valve Seat Washer.





COPPER TUBES

Australian Commonwealth Standard

As Specified by the Melbourne and Metropolitan Board of Works and Sydney Water Board for Reticulation Purposes.
For Working Pressure up to 200 lbs. per Square Inch.

TABLE I.

Suitable for Screwed Connections.

Nominal Outside Diameter	Actual Outside Diameter	Wall Thickness		Inside Diameter of Tube	British Standard Pipe Thread	Number of Threads per Inch	Wall Thickness at Root of Thread	Calculated Weight
Inches	Inches	S.W.G.	Inches	Inches	Inches		Inches	Lbs. per lin. ft.
3/8	0.381	16	0.064	0.253	1/8	28	0.042	0.25
1/2	0.515	14	0.080	0.355	1/4	19	0.048	0.42
13/16 ..	0.822	13	0.092	0.638	1/2	14	0.048	0.81
1 1/32 .. .	1.038	13	0.092	0.854	3/4	14	0.048	1.05
1 9/32 . ..	1.289	12	0.104	1.081	1	11	0.056	1.49
1 5/8	1.630	12	0.104	1.422	1 1/4	11	0.056	1.92
1 7/8 . ..	1.862	12	0.104	1.654	1 1/2	11	0.056	2.21
2 5/16 . .	2.335	11	0.116	2.103	2	11	0.064	3.12
2 15/16	2.948	11	0.116	2.716	2 1/2	11	0.064	3.97
3 7/16 . .	3.456	10	0.128	3.200	3	11	0.072	5.15

TABLE II.

Suitable for Compression or Brazed Joints.

External Diameter	Wall Thickness	Calculated Weight	External Diameter	Wall Thickness	Calculated Weight
Inches	S.W.G.	Lbs. per lin. ft.	Inches	S.W.G.	Lbs. per lin. ft.
1/4	19	0.10	1 3/4	16	1.31
3/8 .. .	19	0.22	2	16	1.50
1/2	18	0.41	2 1/2	14	2.34
1	18	0.55	3	14	2.83
1 1/4 .. .	16	0.92	3 1/2 . .	12	4.28
1 1/2	16	1.11	4	12	4.91

Useful Information

WEIGHT OF A SUPERFICIAL FOOT OF PLATES, DIFFERENT METALS, IN LBS.

Thickness Inches	Iron	Steel	Brass	Copper	Lead	Zinc	Thickness Inches	Thickness Millimetres
1/16	2.5	2.6	2.7	2.9	3.7	2.3	.0625	1.59
1/8	5	5.1	5.5	5.8	7.4	4.7	.125	3.17
3/16	7.5	7.7	8.2	8.7	11.1	7.0	.1875	4.76
1/4	10	10.2	11.0	11.6	14.8	9.4	.25	6.35
5/16 ..	12.5	12.8	13.7	14.5	18.5	11.7	.3125	7.94
3/8 . .	15	15.3	16.4	17.2	22.2	14.0	.375	9.52
7/16	17.5	17.9	19.2	20.0	25.9	16.4	.4375	11.11
1/2	20	20.4	21.9	22.9	29.5	18.7	.5	12.7
9/16 . ..	22.5	23.0	24.6	25.7	33.2	21.1	.5625	14.29
5/8	25	25.5	27.4	28.6	36.9	23.4	.625	15.87
11/16 ..	27.5	28.1	30.1	31.4	40.6	25.7	.6875	17.46
3/4 . ..	30	30.6	32.9	34.3	44.3	28.1	.75	19.05
13/16 ..	32.5	33.2	35.6	37.2	48.0	30.4	.8125	20.64
7/8 . ..	35	35.7	38.3	40.0	51.7	32.8	.875	22.22
15/16 ..	37.5	38.3	41.2	42.9	55.4	35.1	.9375	23.81
1	40	40.8	43.9	45.8	59.1	37.5	1.000	25.4

For Metals ordered by measure, the following may be regarded as equivalents:—

1/4 inch as equal to 3 W.G.
3/16 ,, ,, ,, ,, 7 ,,
1/8 ,, ,, ,, ,, 10 ,,
3/32 inch as equal to 13 W.G.
1/16 ,, ,, ,, ,, 16 ,,
1/32 ,, ,, ,, ,, 21 ,,

LEAD PRODUCTS..

LEAD PIPE

A553.

Three-eighth Inch to Six Inches

Coils up to 1" weigh about 1¼ cwt. each.

Size, ins.	Weight in lbs. per yard
⅜	2½, 3.
½	3, 4½, 5, 6.
⅝	5, 7½.
¾	4½, 5, 6, 7, 8, 9, 12
1	5, 6, 7, 8, 9, 10, 12, 15.
1¼	9, 10, 12, 14, 17, 22.
1½	7½, 10, 11, 13, 16, 20, 27, 30.
1¾	17, 19, 21.
2	17, 18, 20, 25, 28, 40, 45
2½	21, 27, 29, 37, 60.
3	21, 24, 27, 30, 34, 40
3½	27, 40.
4	20, 28, 34, 40, 60.

The standard weights for high pressures are: ½", 6 lbs.; ¾", 9 lbs.; 1", 15 lbs.; 1¼", 22 lbs.; 1½", 30 lbs.; 2", 45 lbs. to the yard.

Unless otherwise ordered, we always forward High Pressure Lead Pipe.

We can also supply: 2½", 19½ lbs. to the yard. 6", 36 lbs. and 60 lbs. to the yard.

COMPO. PIPE FOR GAS

A554.

Inside Diameter	Approx. Weight per yd., Ordinary	Approx. Weight per yd., Heavy
¼	12 ozs.	—
⅜	15 ozs.	2 lbs. 10 ozs.
½	2½ lbs.	3 lbs.
⅝	3 lbs.	4½ lbs.
¾	4½ lbs.	5 lbs. 10 ozs.
1	6 lbs.	—

LEAD SOIL AND WASTE PIPE

We stock the above as shown in table herewith. It is made in 11 ft. lengths, and the thickness is equal to that of Sheet Lead as given. The approximate weights per length are appended for each size.

Thickness equal to Sheet Lead		6 lbs.	7 lbs.	8 lbs.	10 lbs.
Size	Length in feet	Approx. weight per length in lbs.			
1¼	11	24	27½	32	—
1½	11	28	32½	38	—
1¾	11	32	38	43½	
2	11	36	43	49½	—
2½	11	47	55	64	—
3	11	56	66	75	—
4	11	73	86	99	125

We also make up Waste Pipe, in 60 ft. Coils, as follows.—

1¼", equal to 6 lbs. Sheet Lead.
1¼", equal to 7 lbs. Sheet Lead.
1½", equal to 6 lbs. Sheet Lead.
1½", equal to 7 lbs. Sheet Lead

¾", 4½ lbs., and 1", 6 lbs., to the lineal yard is also used and stocked as Waste Pipe.

TIN PIPE

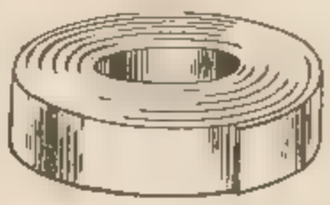
Size in Inches	Approx. Weight per yard	Size in Inches	Approx. Weight per yard
⅜ outside dia.	5 ozs.	½ inside dia.	24 ozs.
⅜ "	7½ ozs.	⅝ "	13 ozs.
⅜ inside dia.	9 ozs.	¾ "	30 ozs.
½ "	10 ozs.	⅞ "	2 lbs.
½ "	16 ozs.	⅞ "	3 lbs.
½ "	10 ozs.	1 "	3½ lbs.

Larger Sizes to Special Order

TIN-LINED LEAD PIPE

We make this description of Pipe with a pure Tin Lining to suit the requirements of the Board of Health in the "Pure Food Act." It is approved of in two sorts, viz.:—Light Tin Lined Lead Pipe and Heavy Tin-Lined Pipe. They both weigh about 1 lb. to the lineal foot; ½" Pure Tin Pipe is also approved of, and it weighs about ½ lb. to the lineal foot.

Size ½" only in Light and Heavy Weight.



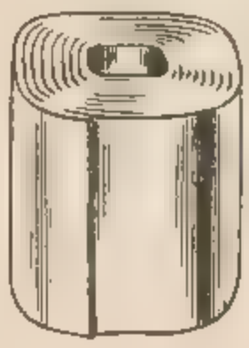
Lead Tennis Court Lines

A555.

Made in sets sufficient to mark a full-sized tennis court.

In widths, 1" and 2"; 1½" and 2".

Special Nails can be supplied for fixing the lines; 50 lbs. being required for one court.



Lead Damp Course

A556.

Made in widths: 4½", 9", 14", 18".

Weights: 1 lb., 2 lbs., 3 lbs. and 4 lbs. to the square foot

Lead Wool

A557.

For Caulking the Joints of Water Mains

Made in Hanks weighing approximately 1 lb.

Lead Wire

A558.

Made in 20 gauge up to ½" in diameter

SHEET LEAD

A559.

The following are the usual sizes in which Lead is rolled, but a slight variation in the length is occasionally met with.

Weight per Sq. Foot	Length	Width	Approximate Weight
2½	25ft.	7ft. 4in.	4cwt. 0qr. 10lbs.
3	30ft.	7ft. 8in.	6cwt. 0qr. 18lbs.
3½	30ft.	7ft. 8in.	7cwt. 0qr. 21lbs.
4	34ft.	7ft. 9in.	9cwt. 1qr. 18lbs.
4½	34ft.	7ft. 9in.	10cwt. 2qr. 10lbs.
5	34ft.	7ft. 9in.	11cwt. 3qr. 1lb.
6	34ft.	7ft. 9in.	14cwt. 0qr. 13lbs.
7	34ft.	7ft. 9in.	16cwt. 1qr. 24lbs.
8	34ft.	7ft. 9in.	18cwt. 3qr. 8lbs.

Rolls of Lead, 4 lbs. to 8 lbs., can be supplied on special order 40 ft. long by 8 ft. wide. Lead can be rolled ¼" up to 1" thick on special order, but not more than 30 ft. long.

BELLS

Australia's Finest Quality

FOR CHURCHES, SCHOOLS, SHIPS, FIRE TOWERS, etc.

A438.

For many years past our Bells have been used throughout the Commonwealth and in the Islands. They are made of genuine bell metal, and possess the real bell tone.

Bells up to 20" diameter can be fitted with our Patent Jointed Clappers and Triggers, which obviate the necessity of swinging the bell, and allow of the ropes being conducted to the most convenient position.

We make angle steel towers for use where belfries are not available, and all types of structures for hanging bells.

Sizes and Approximate Weight of Bells

(All bells are measured across the mouth.)

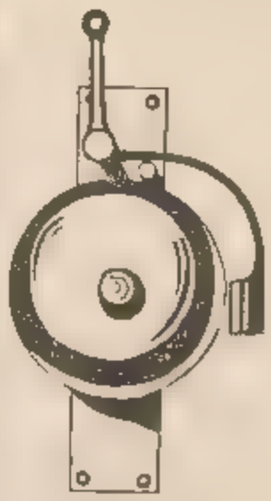
Size	Approx. Weight	Size	Approx. Weight
8	12 lbs.	18	141 lbs.
9	20 "	20	210 "
9½	24 "	22	280 "
10	30 "	24	339 "
11½	44 "	25	390 "
12	50 "	26	452 "
13½	60 "	28	585 "
14	75 "	36	1065 "
16	106 "	38½	1344 "

Unless otherwise ordered, Bells with ordinary Clapper will be sent.

Patent Clappers and Gudgeons with bearings for mounting are made to suit different size bells.

A439. **Hand Bells**

Sizes: 6" and 7".



A440.

Mining Gongs

Gong made in Bell Metal and Frame in Wrought Iron.

Sizes: 6", 7", 8", 9", 10", 12".

METALS

Aluminium Sheet

Sizes: 4′ x 2′, 6′ x 3′.
Gauges: 14, 16, 18, 20, 22, 24, 26, 28

Brass Sheet

SOFT AND HARD

Sizes: 4′ x 2′, 6′ x 2′, 6′ x 2′ 6″, 6′ x 3′.
Gauges: 10, 12, 14, 16, 18, 20, 22, 24, 26, 28.

Brass Strip

Sizes: ½″, ¾″, 1″, 1¼″, 1½″, 2″ wide.
Gauges: 18, 16.

Brass Rod

Sizes: Round—3/16″, ¼″, 5/16″, ⅜″, 7/16″, ½″, 9/16″, ⅝″, 11/16″, ¾″, 13/16″, ⅞″, 15/16″, 1″, 1¼″, 1½″, 1¾″, 2″, 2¼″, 2½″, 3″.

Sizes: Square—3/16″, ¼″, 5/16″, ⅜″, 7/16″, ½″, 9/16″, ⅝″, 11/16″, ¾/, ⅞″, 1″, 1¼″, 1½″.

Sizes: Hexagon—¼″, 5/16″, ⅜″, 7/16″, ½″, 9/16″, ⅝″, ¾″, ⅞″, 1″, 1¼″, 1½″, 2″.

Brass Bar

EXTRUDED

Sizes: ½″, ¾″, 1″, 1¼″, 1½″, 2″ wide; ⅛″, 3/16″, ¼″ thick.

Brass Tubing

HARD DRAWN

Gauge: 22 x ⅛″, 3/16″.
" 20 x ¼″, 5/16″.
" 18 x ⅜″, ½″, ⅝″, ¾″, 1″, 1¼″, 1½″, 2″.
" 16 x ½″, ⅝″, ¾″, ⅞″, 1″, 1⅛″, 1¼″, 1½″, 1¾″, 2″, 2¼″, 2½″, 3″, 4″.
" 14 x 2½″, 3″, 4″, 5″, 6″.
" 10 x 1¼″, 1½″, 1¾″, 2″, 2¼″, 2½″, 2¾″, 3″.
Gauge: 12 x 1⅝″, 1⅞″; Screwing: 1¼″ Gas, 1½″ Gas.
Gauge: 11 x 2 5/16″; Screwing: 2″ Gas.

Copper Sheet

HOT AND COLD ROLLED

Sizes: 6′ x 2′, 6′ x 2′ 6″, 6′ x 3′, 6′ x 4′, 8′ x 4′.
Gauges: 26, 28.
Weights: 1, 1¼, 1½, 1¾, 2, 2¼, 2½, 3, 4, 5 and 6 lbs. per square foot.

Ribbon Copper

Sizes: 6″ and 12″ wide.
Gauges: 34, 36, 38, 40.

Copper Bar

ROUND AND SQUARE

Sizes: ¼″, 5/16″, ⅜″, 7/16″, ½″, ⅝″, ¾″, ⅞″, 1″, 1⅛″, 1¼″, 1½″, 1¾″, 2″.

Copper Bus Bar

Sizes: ½″, ¾″, 1″, 1¼″, 1½″, 2″ wide; ⅛″, 3/16″, ¼″, ⅜″ thick.

Copper Tube

ANNEALED

Gauge: 20 x 3/16″, ¼″, 5/16″.
" 20 x ½″ in 20′ lengths.
" 18 x ⅜″, ½″.

HARD DRAWN

Gauge: 22 x ⅛″.
" 20 x 3/16″, ¼″, 5/16″.
" 18 x ⅜″, ½″, ⅝″, ¾″, 1″, 1¼″, 1½″, 1¾″.
" 16 x ⅜″, ½″, ⅝″, ¾″, 1″, 1¼″, 1½″, 2″, 2¼″, 2½″, 2¾″, 3″, 4″.
" 14 x ½″, ¾″, 1″, 1¼″, 1½″, 2″, 2¼″, 2½″, 3″, 4″.
" 12 x 1″, 1¼″, 1½″, 2″, 2½″, 2½″, 3″.
" 10 x 1″, 1¼″, 1½″, 1¾″, 2″, 2¼″, 2½″, 2¾″, 3″, 4″.
Gauge: 13 x 13/16″, 1 1/32″.
Screwing: ½″ Gas, ¾″ Gas.
Weight per ft.: .81, 1.05.

Gauge: 12 x 1 9/32″, 1⅝″, 1⅞″
Screwing: 1″ Gas, 1¼″ Gas, 1½″ Gas.

Weight per ft.: 1.49, 1.92, 2.21.
Gauge: 11 x 2 5/16″.
Screwing: 2″ Gas.
Weight per ft.: 3.12.

USEFUL INFORMATION

Approx. Weight of W.I. Pipes and Fittings

(See Page 23)

Size	Tubes Weight per 100 ft. cwt.	qrs.	lbs.	tons	Weight per 1000 ft. cwt.	qrs.	lbs.
⅛	—	—	24	—	1	0	16
¼	—	1	14	—	3	3	0
⅜	—	2	0	—	5	0	0
½	—	3	0	—	7	2	0
¾	1	0	0	—	10	0	0
1	1	1	27	—	14	3	18
1¼	1	3	19	—	19	0	22
1½	2	1	16	1	3	3	20
2	3	1	26	1	14	3	8
2½	4	3	18	2	9	0	12
3	5	2	17	2	16	2	2
4	7	1	21	3	14	1	14

Size	Fittings 10 Elbows lbs.	ozs.	10 Tees lbs.	ozs.	10 Bends lbs.	ozs.
⅛	1	2	1	4	1	2
¼	1	8	1	13	2	1
⅜	1	14	2	5	3	6
½	3	0	3	7	5	14
¾	4	7	5	9	11	6
1	7	0	8	6	15	12
1¼	11	0	13	6	23	4
1½	16	0	18	12	33	4
2	23	8	29	14	52	10
2½	46	0	51	0	94	0
3	62	0	82	0	124	0
4	110	0	145	0	230	0

USEFUL INFORMATION

Weight per Super Foot of Lead

Inch	Lbs.
1/16	3.7
1/8	7.4
3/16	11.1
1/4	14.8
5/16	18 5
3/8	22.2
7/16	25 9
1/2	29.5
9/16	33.2
5/8	36.9
11/16	40 6
3/4	44.7
13/16	48 3
7/8	51.0
15/16	55.1
1	59.4

WEIGHTS OF COPPER AND BRASS RODS AND BARS

In Lbs. per Lineal Foot

Size	Copper Rod Round	Copper Bar Square	Brass Rod Round	Brass Bar Square	Size	Copper Rod Round	Copper Bar Square	Brass Rod Round	Brass Bar Square
⅛	0.047	0.06	0.044	0.05	1⅛	3 85	4.91	3.68	4 57
3/16	0.106	0.13	0 10	0.12	1¼	4.75	6.06	4.55	5 64
¼	0.19	0.24	0.17	0.22	1⅜	5.75	7.34	5.50	6 82
5/16	0.29	0 38	0.27	0.35	1½	6.84	8.73	6.55	8.12
⅜	0.43	0.55	0.41	0.51	1⅝	8.03	10 25	7.68	9.53
7/16	0.58	0.74	0 54	0.69	1¾	9.32	11.89	8.91	11.1
½	0.76	0.97	0.72	0.90	1⅞	10.69	13 65	10.23	12 7
9/16	0.96	1.23	0 92	1.14	2	12.17	15.53	11.64	14 4
⅝	1.19	1 52	1.13	1.41	2¼	15.40	19 65	14.74	18.12
¾	1.71	2.18	1.63	2.03	2½	19.01	24 26	18.19	22.56
⅞	2.33	2.97	2.23	2.76	2¾	23.01	29.36	22.01	27 53
1	3.04	3.88	2.91	3.61	3	27.38	34.94	26.20	32.49

WEIGHTS PER SUPERFICIAL FOOT OF COPPER AND BRASS

Rolled to the "Imperial" Standard Wire Gauge

W.G.	Copper lbs.	Brass lbs.	W.G.	Copper lbs.	Brass lbs.	W.G.	Copper lbs.	Brass lbs.	W.G.	Copper lbs.	Brass lbs.	W.G.	Copper lbs.	Brass lbs.
1	13.950	13.350	10	5 952	5.696	19	1 860	1.780	28	.688	658	37	316	.302
2	12.834	12 282	11	5 394	5 162	20	1 674	1 602	29	.632	.605	38	.279	.267
3	11.718	11 214	12	4.836	4 628	21	1 488	1 424	30	.576	.551	39	.241	.231
4	10 788	10 324	13	4 278	4 094	22	1 302	1 246	31	5[illegible]9	516	40	.223	.213
5	9.858	9 434	14	3.720	3 560	23	1 116	1 068	32	.502	.480	41	204	.195
6	8 928	8 544	15	3 348	3 204	24	1.023	979	33	465	.445	42	186	.178
7	8 184	7 832	16	2 976	2.848	25	.930	890	34	.427	.409			
8	7 440	7 120	17	2 604	2 492	26	.837	.801	35	.390	.373			
9	6 696	6.408	18	2 232	2 136	27	.762	729	36	353	.338			

WEIGHTS PER LINEAL FOOT OF SOLID DRAWN BRASS TUBES

Containing 70 per cent. of Copper.

Outside Dia.	"IMPERIAL" WIRE GAUGE THICKNESS																					
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	.192	.176	.160	.144	.128	.116	.104	.092	.080	.072	.064	.056	.048	.040	.036	.032	.028
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
1/4	2.92	2.71	2.49	2.27	2.04	1.87	1.69	1.51	1.32	1.20	1.07	0.94	0.81	0.68			
5/16									0.39	0.36	0.32	0.29	0.25	0.21	0.19	0.17	0.15
3/8								0.57	0.51	0.46	0.42	0.37	0.32	0.27	0.25	0.22	0.20
7/16							0.78	0.70	0.62	0.57	0.51	0.45	0.39	0.33	0.30	0.26	0.24
1/2						1.02	0.93	0.84	0.74	0.67	0.60	0.53	0.46	0.39	0.35	0.31	
5/8					1.30	1.19	1.08	0.97	0.86	0.78	0.69	0.61	0.53	0.45	0.40	0.36	
3/4				1.04	1.49	1.36	1.24	1.11	0.97	0.88	0.79	0.70	0.60	0.50	0.45		
7/8			2.03	1.85	1.67	1.53	1.39	1.24	1.09	0.99	0.88	0.78	0.67	0.56	0.51		
1		2.45	2.56	2.06	1.86	1.70	1.54	1.37	1.21	1.09	0.98	0.86	0.74	0.62			
1 1/8	2.42	2.71	2.49	2.27	2.04	1.87	1.69	1.51	1.32	1.20	1.07	0.94	0.81	0.68			
1 1/4	3.20	2.97	2.73	2.48	2.23	2.04	1.84	1.64	1.44	1.30	1.16	1.02	0.88				
1 3/8	3.48	3.22	2.96	2.69	2.42	2.21	1.99	1.76	1.56	1.41	1.26	1.10	0.95				
1 1/2	3.76	3.48	3.19	2.90	2.60	2.38	2.14	1.91	1.67	1.51	1.35	1.19	1.02				
1 5/8	4.04	3.74	3.43	3.11	2.79	2.54	2.29	2.04	1.79	1.62	1.44	1.27	1.09				
1 3/4	4.32	3.99	3.66	3.32	2.98	2.71	2.45	2.18	1.90	1.72	1.54	1.35					
1 7/8	4.60	4.25	3.89	3.53	3.16	2.88	2.60	2.31	2.02	1.83	1.63	1.43					
2	4.88	4.50	4.13	3.74	3.35	3.05	2.75	2.45	2.14	1.93	1.72	1.51					
2 1/8	5.16	4.76	4.36	3.95	3.54	3.22	2.90	2.58	2.25	2.04	1.81	1.59					
2 1/4	5.44	5.02	4.59	4.16	3.72	3.39	3.05	2.71	2.37	2.14	1.91						
2 3/8	5.72	5.27	4.83	4.37	3.91	3.56	3.20	2.85	2.49	2.24	2.00						
2 1/2	6.00	5.53	5.06	4.58	4.09	3.73	3.36	2.98	2.60	2.35	2.09						
3	6.28	5.79	5.29	4.79	4.28	3.90	3.51	3.11	2.72	2.45	2.19						
3 1/8	6.56	6.04	5.52	5.00	4.47	4.06	3.66	3.25	2.84	2.56	2.28						
3 1/4	6.84	6.30	5.76	5.21	4.65	4.23	3.81	3.38	2.95	2.66	2.37						
3 3/8	7.12	6.56	5.99	5.42	4.84	4.40	3.96	3.52	3.07	2.77	2.47						
3 1/2	7.40	6.81	6.22	5.63	5.03	4.57	4.11	3.65	3.19	2.87	2.56						
3 5/8	7.68	7.07	6.46	5.84	5.21	4.74	4.26	3.78	3.30	2.98							
3 3/4	7.96	7.32	6.69	6.05	5.40	4.91	4.42	3.92	3.42	3.08							
3 7/8	8.24	7.58	6.92	6.26	5.58	5.08	4.57	4.05	3.53	3.19							
4	8.52	7.84	7.15	6.47	5.77	5.25	4.72	4.19	3.65	3.29							
4 1/8	8.79	8.09	7.39	6.68	5.96	5.41	4.87	4.32	3.77								
4 1/4	9.07	8.35	7.62	6.89	6.14	5.58	5.02	4.45	3.88								
4 3/8	9.35	8.61	7.85	7.10	6.33	5.75	5.17	4.59	4.00								
4 1/2	9.63	8.86	8.09	7.30	6.52	5.92	5.32	4.72	4.12								
4 5/8	9.91	9.12	8.32	7.51	6.70	6.09	5.47	4.85	4.23								
4 3/4	10.19	9.37	8.55	7.72	6.89	6.26	5.62	4.99	4.35								
4 7/8	10.47	9.63	8.78	7.93	7.07	6.42	5.78	5.12	4.47								
5	10.75	9.89	9.02	8.14	7.26	6.60	5.93	5.26	4.58								

WEIGHTS PER LINEAL FOOT OF SOLID DRAWN COPPER TUBE

Calculated on Basis of Copper at 558 lbs. per cubic foot

Outside Dia.	"IMPERIAL" WIRE GAUGE THICKNESS																					
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20							
	.192	.176	.160	.144	.128	.116	.104	.092	.080	.072	.064	.056	.048	.040	.036							
	lbs	lbs	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.							
1/4																						
3/8																						
1/2																						
5/8																						
3/4																						
7/8																						
1	1.89	1.76	1.39	1.28	0.97	0.89	0.82	0.66	0.41	0.26	0.14	0.13	0.12	0.10	0.09							
1 1/8	2.18	2.03	1.64	1.50	1.16	1.07	0.97	0.80	0.53	0.37	0.24	0.22	0.19	0.16	0.15							
1 1/4	2.47	2.30	2.12	1.72	1.36	1.25	1.13	1.01	0.65	0.48	0.34	0.30	0.26	0.22	0.20							
1 3/8	2.77	2.57	2.36	1.94	1.55	1.42	1.29	1.15	0.77	0.59	0.44	0.39	0.33	0.28	0.26							
1 1/2	3.06	2.84	2.61	2.16	1.75	1.60	1.45	1.29	0.89	0.70	0.53	0.47	0.41	0.34	0.31							
1 5/8	3.35	3.10	2.85	2.38	1.94	1.78	1.61	1.43	1.01	0.81	0.62	0.56	0.48	0.40	0.37							
1 3/4	3.64	3.37	3.09	2.59	2.14	1.96	1.77	1.57	1.14	0.92	0.73	0.64	0.55	0.47	0.42							
1 7/8	3.93	3.64	3.34	2.81	2.33	2.13	1.92	1.71	1.26	1.03	0.83	0.73	0.63	0.53	0.47							
2	4.22	3.91	3.58	3.03	2.53	2.30	2.08	1.85	1.38	1.14	0.92	0.81	0.70	0.59	0.53							
2 1/8	4.52	4.17	3.82	3.25	2.63	2.48	2.24	1.99	1.50	1.25	1.02	0.90	0.77	0.65	0.58							
2 1/4	4.81	4.44	4.07	3.47	2.72	2.66	2.40	2.13	1.62	1.36	1.12	0.98	0.85	0.71	0.64							
2 3/8	5.10	4.71	4.31	3.69	3.11	2.84	2.56	2.27	1.75	1.47	1.22	1.07	0.92	0.77								
2 1/2	5.39	4.98	4.56	4.13	3.31	3.01	2.72	2.41	1.88	1.58	1.31	1.15	0.99	0.83								
3	5.69	5.25	4.80	4.35	3.54	3.19	2.88	2.56	2.00	1.69	1.41	1.24	1.07	0.89								
3 1/8	5.98	5.51	5.04	4.57	3.78	3.37	3.04	2.70	2.11	1.80	1.50	1.32	1.14	0.95								
3 1/4	6.27	5.78	5.29	4.79	4.03	3.57	3.21	2.85	2.23	1.91	1.60	1.41	1.21									
3 3/8	6.56	6.05	5.53	5.00	4.28	3.78	3.39	3.00	2.35	2.02	1.69	1.49	1.28									
3 1/2	6.85	6.32	5.77	5.22	4.47	3.98	3.57	3.15	2.48	2.13	1.79	1.58	1.36									
3 5/8	7.15	6.59	6.02	5.44	4.67	4.18	3.75	3.31	2.60	2.23	1.88	1.66	1.43									
3 3/4	7.44	6.85	6.26	5.66	4.86	4.36	3.92	3.46	2.72	2.33	1.96	1.75										
3 7/8	7.73	7.12	6.50	5.88	5.06	4.54	4.08	3.60	2.83	2.43	2.05	1.83										
4	8.02	7.39	6.75	6.10	5.25	4.71	4.23	3.74	2.94	2.52	2.13	1.92										
4 1/8	8.32	7.66	6.99	6.32	5.44	4.88	4.38	3.87	3.05	2.62	2.21	2.00										
4 1/4	8.61	7.92	7.23	6.54	5.63	5.05	4.53	4.00	3.15	2.71	2.28											
4 3/8	8.90	8.19	7.48	6.76	6.03	5.42	4.87	4.30	3.38	2.90	2.44											
4 1/2	9.19	8.46	7.72	6.98	6.23	5.66	5.09	4.51	3.54	3.04	2.56											
4 5/8	9.48	8.73	7.97	7.19	6.42	5.83	5.25	4.65	4.06	3.48	2.93											
4 3/4	9.78	8.99	8.21	7.41	6.62	6.01	5.40	4.79	4.18	3.58	3.01											
4 7/8	10.07	9.26	8.45	7.63	6.81	6.19	5.56	4.93	4.30	3.69	3.10											
5	10.36	9.53	8.69	7.85	7.01	6.37	5.72	5.07	4.42	3.79	3.18											
5 1/8	10.65	9.80	8.94	8.07	7.20	6.54	5.88	5.21	4.55	4.10												
5 1/4	10.94	10.07	9.18	8.29	7.39	6.72	6.04	5.35	4.67	4.21												
5 3/8	11.24	10.33	9.43	8.51	7.59	6.89	6.20	5.49	4.79	4.32												
5 1/2	11.53	10.60	9.67	8.73	7.78	7.07	6.35	5.63	4.91													
5 5/8	11.82	10.87	9.91	8.95	7.98	7.25	6.51	5.77	5.03													
5 3/4	12.11	11.14	10.16	9.17	8.17	7.43	6.67	5.91	5.15													
5 7/8	12.40	11.41	10.40	9.39	8.37	7.60	6.83	6.05	5.28													
6	12.70	11.67	10.64	9.61	8.56	7.78	6.99	6.19	5.40													
6 1/8	12.99	11.94	10.89	9.83	8.76	7.95	7.15	6.33	5.52													
6 1/4	13.28	12.21	11.13	10.04	8.95	8.13	7.30	6.47	5.64													
6	13.57	12.48	11.38	10.26	9.15	8.31	7.46	6.61	5.76													
	0.89	0.75	0.52	0.50	0.41	0.33	0.26	0.20	0.15	0.12	0.10	0.08	0.06	0.04	0.03							

To calculate the weight of Copper Tube Internal Diameter, add the figures given in the bottom of column to the weight given. For example, 2" 14 gauge outside diameter is 1.87 + 0.15 = 2.02 weight of 2" 14 gauge internal diameter.

USEFUL INFORMATION

SIZES OF PIPES FOR WATER

The table herewith gives the approximate diameters of pipes suitable for passing different quantities of water. When the main does not exceed 200 yards in length, the pipe diameter may be smaller than those indicated below. For mains over 200 yards in length it is desirable that pipe diameters are as per table below.

Galls. per min	Dia. in ins	Galls per min	Dia. in ins.
1/2	1/2	60	4
3/4	3/4	100	5
1 1/2	1	160	6
3	1 1/4	220	7
5	1 1/2	300	8
10	2	400	9
15	2 1/2	500	10
20	3	800	12
40	3 1/2	1000	14

Hose Connections, Sprinklers, Etc.

A201.

Nuts, Rings and Tails

Sizes: FOR HOSE.
½", ¾", 1", 1¼", 1½", 2", 2½"
Nuts.
¾", 1", 1¼", 1½", 2", —F B.
(Screw, Gas Thread.)
Interchangeable with Hose Unions.
Sizes ½", ¾" and 1" are also made with English Threads if these are required.

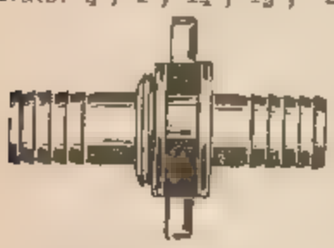
Nuts and Tails

A202.

Sizes: FOR HOSE.
½", ¾", 1", 1¼", 1½", 2", 2½"
Nuts::
¾", 1", 1¼", 1½", 2", —F.B.
(Screw, Gas Thread.)
Interchangeable with Hose Unions.
Sizes ½", ¾" and 1" are also made with English Threads if these are required.

Hose Unions

A203.
(Screwed Gas Thread.)
Sizes: ½", ¾", 1", 1¼", 1½", 2", 2½", 3", 4", 5", 6"
Nuts. ¾", 1", 1¼", 1½", 2", — F.B. — — —



Unions ½" to 1½" are interchangeable with Hose Cocks and Nuts, Rings and Tails; all being screwed Standard Gas Sizes.
Sizes ½", ¾" and 1" are also made with English Threads, if these are required.
Hose Unions, and also Nuts and Tails, are stocked with Reducing Tails, for adapting smaller Hose to a larger size Tap.

Nuts and Tails

A204.
With Tail Screwed Gas Thread.

Size	½", ¾", 1"
Nuts, Scr. Gas ..	¾", 1", 1¼"
Tails, Scr. Gas ..	¼", ½", ¾"

In ¾" size Tails screwed ½" and ¾".

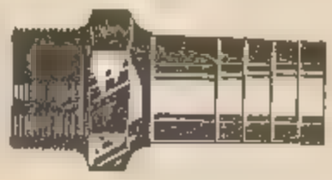
Hose Pieces

A205.

To suit Controlling Nozzles or other Sprinklers.
Screwed ¼" Gas for ⅜" Hose.
" ¼" " " ½" "
" ½" " " ½" "
" ½" " " ¾" "
" ¾" " " ¾" "

Brass Connections

A206.
FOR HOSE AND IRON PIPE.
Sizes: ½", ¾", 1", 1¼", 1½", 2", 2½", 3".



Brass Hose Connections

A207.
Sizes: ½", ¾", 1".

Matching Pieces

A208.
The Hose Sizes given are to suit Standard Hose Nuts:

Hose Gas	Hose Gas
½" x ½"	1" x 1"
¾" x ¾"	1¼" x 1¼"
¾" x ¾"	1½" x 1½"
1" x ¾"	2" x 2"

Hose Rings

FOR BIB COCKS.
A209

Sizes.	Scr. Gas	Sizes.	Scr. Gas
½"	¾"	1½"	2"
¾"	1"	2"	—
1"	1¼"	2½"	F.B.
1¼"	1½"		

"Clinch" Nut and Tail for Hose

A210.
Sizes:

Gas	Hose
¾"	x ½"
1"	x ¾"
1"	x ½"

"Clinch" Hose Connections

A211.
Female Thread to Hose.
Sizes:

Gas	Hose
¾"	x ½"
¾"	x ¾"

"Clinch" Hose Union

A212.
Sizes

Gas	Hose
¾"	x ½"
¾"	x ¾"

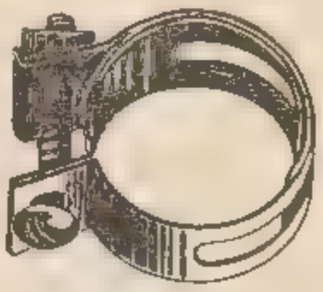
"Clinch" Hose Connection

A213.
Male Thread to Hose
Sizes

Gas	Hose
¾"	x ½"
¾"	x ¾"
1"	x ½"
½"	x ¾"

The "Clinch" Hose Mender

A214.
Both Ends for Hose
Sizes: ½", ¾".



Hose Clips

A215.
In Brass or Galvanised Iron.
Sizes: ½", ¾", 1", 1¼", 1½" 2".

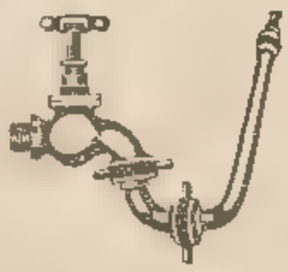
Tap Unions, with Rubber Cup

A216.
Sizes: ½", ¾", ¾" x ½", 1", 1" x ½", 1" x ¾".

The "Tap-Union" Clip

A217.
A simple attachment for effectively holding Tap Union firmly on Tap.

Made of Hard Spring Wire, in two sizes, for ½" and ¾" Taps.



Universal Director

A218.
Made in Brass.
Ideal for use in limited areas.
Swivels in any direction.
Simple, strong and well-made. Sizes: ½", ¾".
Supplied without hose cock unless ordered otherwise.

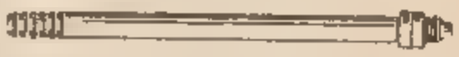
"Evron" Tap Fitting

A219.
Holds hose to tap. Easy to put on and positive in action. With rubber washer.
Sizes·

Tap	Hose
½"	x ½"
½"	x ¾"
¾"	x ½"
¾"	x ¾"

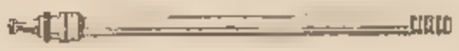
Brass Hose Directors (Light)

A300.
With Fixed Jet.
Sizes: ½", ¾", 1".
Jets Screwed Gas, ¼", ½", ¾".



Brass Hose Directors (Heavy)

A301.
With Loose Jets to 1", and Fixed Jets, 1¼" to 2".



Jets Screwed Gas Thread: ¼", ½", ¾".
Sizes· ½", ¾", 1", 1¼", 1½", 2"

Controlling Nozzles (in Brass)

A302.
A combination of Solid Jet, Rose Spray, Fine Mist, or Stop Cock, at the will of the user
Sizes: ¼", ½", ¾".
¾" in American Thread.

Butterfly Sprinkler

A303.
Screwed Gas Thread.
Sizes: ½", ¾".

Butterfly Sprinklers

A304.
(Improved Pattern)
Screwed Gas Thread
Sizes: ¼", ½", ¾", 1".
Specially designed to prevent the Fly jamming.

Perfection Sprinklers

A305.
These Sprinklers have no working parts, are practically everlasting, and very effective.
Screwed Gas Thread.
Sizes: ½", ¾", 1".

Globe Sprinkler (Nickel-plated)

A306.
This Sprinkler throws a splendid Spray, and also has the special feature of evenly distributing the water from the Sprinkler to the extreme edge of circle.
Simple, efficient, and no working parts to wear out.
Screwed ½" Gas Thread.

"Daspyl" Spray Nozzle

A307.
A Mist Maker for Ferneries, Plant Houses, etc.
Also used extensively on Spray Pumps for applying Insecticides, Disinfectants, etc.
Screwed ¼" Gas Thread.

Dome Sprinkler (Nickel-plated)

A308.
Screwed ½" Gas Thread.

Oblong Rose Spray
A309.

A Watering Device that gives a gentle sheet of rain-like spray, which waters without damage to even the most delicate seedlings.

Sizes: ¼", ½", ¾" Gas Thread.

Brass Roses
A401.

Sizes: For Hose Directors.
½" Screwed ¼" Gas
¾" " ½" "
1" " 1" "
Also made in Heavy Cast Brass. Sizes: 3½" Screwed ¾" Gas; 5" Screwed, 1" Gas.

Duplex Sprinkler Head
A402.

New Long Life Bearing. Heads only for Stand Pipe use.
Screwed ½" Gas.

Handy Sprinkler
A403.

Screwed ½" and ¾" Gas. Finished in bright polished and lacquered Brass.

Daspyl Side Spray Sprinkler
A404.

With Controlling Screw.

A Sprinkler that waters without wasting water on the garden paths.
Sizes: ¼", ½".

Side Spray Jet
A405.

This little Jet is a real Mist Maker, and very suitable for spraying Ferneries and other Plant Houses.

Drilled for giving Coarse, Medium or Fine Spray, and are Screwed 5/16" Whitworth; ⅛", ¼", ½" Iron.

Spray Nozzle
A406.

Handy for spraying the under side of leaves of Dwarf Plants.
Screwed ¼" Gas.

Spray Nozzle
A407.

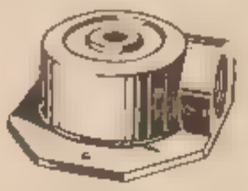
The well known Bordeaux type of Graduating Spray Nozzle for general spray work, lime washing, etc. Screwed ¼" Gas Thread.

Three-Jet Spray Nozzle
A408.

Screwed ¼" Gas Thread. Caps are removable for cleaning purposes.
This Nozzle can also be supplied with 2 Jets.

Capitol Sprinkler
A409.

Made of Non-corrosive Metal, and no wearing parts.
Screwed ½" Gas.



The Daisy Garden Sprinkler
A410.

Screwed ¼", ½" and ¾" Gas.

Supreme Spray
A411.

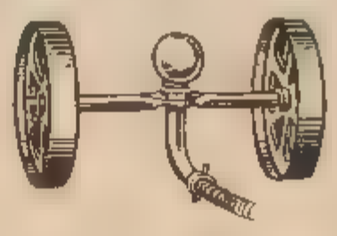
Used extensively for allaying dust in mines, and also for orchard work.
Screwed ½" Gas Thread.
These sprays are made straight as shown; also in an angle of 45°.

The Glider Sprinkler Stand
A412.

To suit Globe, Perfection and other Sprinklers.
STAND ONLY.
The "Glider" is of cast iron and specially made to be pulled about on Lawns, without damaging the grass.

Danks' 2-Wheel Sprinkler Stand
A413.

A simple, portable device, suitable for use with any style of Sprinkler. It will not cut up Lawn, and can be moved about without shutting off the water.

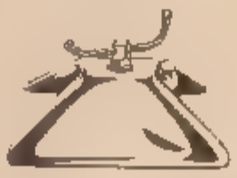


Sprinkler Stands
A414.

Cast Iron "Midget" with Brass Elbow Screwed.
½" Gas Male x ¼" Gas Female
½" " " x ½" " "
½" " " x ¾" " "
½" " " x 1" " "
To suit Butterfly, New Perfection of other sprinklers.

Sprinkler Stand
A415.

A Pressed Steel Stand that is strong, light and durable, for use with various makes of Sprinklers.
Stand Only.



Whirligig Sprinkler
A416.

A cheap, neat and efficient Two-arm Sprinkler.
Screwed ¾" and ⅞" Gas Thread.

"Cascade" High Pressure 5-Ply Garden Hose

"Cascade" 5-ply High Pressure Garden Hose is specially manufactured in large quantities for us. It is composed of five plies of strong, superior quality woven insertion, interlaid with rubber. The inside lining is of tough, seamless rubber, and the outer rubber covering possesses exceptional wearing qualities. "Cascade" Hose will stand up to the hardest wear to which it can be subjected. It will give years of extra service, whilst its price is the same as many 3-ply hoses of similar quality. In coils of 60 ft. Sizes: ½", ¾", 1".

"Jay Dee" 3-Ply Garden Hose

An Excellent Medium-priced Hose, that will give long and efficient service. In coils of 60 ft. Sizes: ½", ¾", 1".

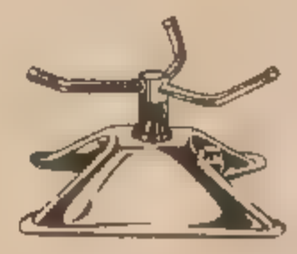
All Leading Makes of Hose Stocked.

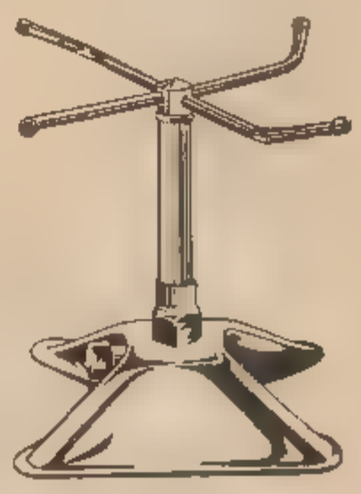
CANVAS HOSE

We stock Good Quality Canvas Hose for Fire Extinction, Street Sluicing, etc., in the following sizes: 1", 1¼", 1½", 2", 2½", 3".

Canberra Sprinkler
A417.

Finished in Polished Brass, with Coloured Duco Base.





PRETORIA SPRINKLER
A501.

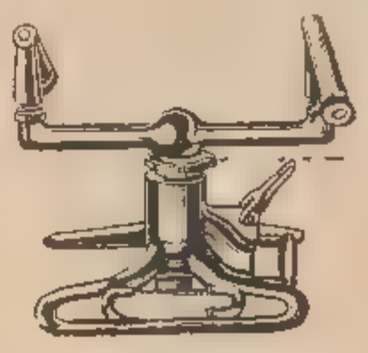
Chromium Plated

New 4- Arm Design

ORDER BY NUMBER ONLY!

Lykrane Sprinkler
A502.

Revolving or Stationary.



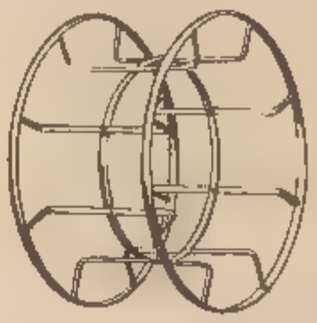
Nozzles adjustable for covering various diameters, for spraying in any direction, and to give coarse, medium to mist-like spray or solid jet. The revolving head is made of bronze.

Sprinkler Stand (Cast Iron)
A503.

With ½" or ¾" Gas Pipe Connections.

These Stands can be used as shown by screwing the Sprinkler on Pipe, or it can be lengthened to any desired height by attaching Wrought Iron Pipe to same.

DANKS for TOOLS for All Trades



Garden Hose Reels
A504.

HOOP PATTERN.

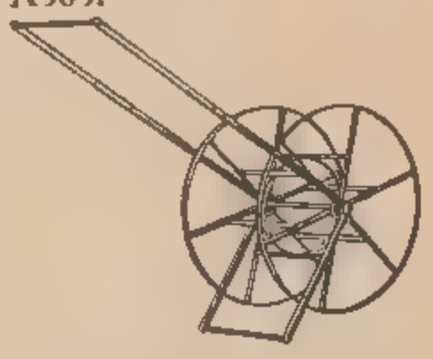
Size and Capacity.
11 inch holds 60 feet ¾" hose;
13 inch holds 100 feet ¾" hose

Garden Hose Reels
A505.

LEVER PATTERN.

Size and Capacity:
11 inch holds 100 feet ¾" hose.

These Hose Reels are well made of wrought iron, painted or galvanised, and are strong and durable.



ALSO STOCKED: A405a DISAPPEARING JETS. ½ in. THREAD, STRAIGHT OR BORDER TYPES

JOHN DANKS & SON PTY. LTD.

MELBOURNE AND SYDNEY

A506 (at left).

"Daspyl" Spike Adaptor for Use with Rose or Side Spray

This Adaptor enables the garden rose or spray to be easily directed at any angle or in any desired position. It facilitates the watering of long stretches of garden without the necessity of holding the hose, and may be moved about while the tap is turned on.

A507 (at right).

"Daspyl" Side Spray, with Spike Stand

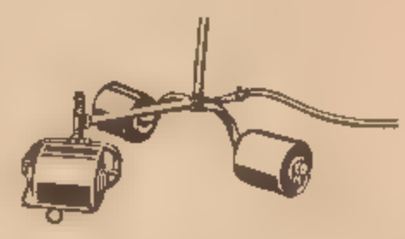
This Spray forms a most convenient and effective means of watering gardens in sections. It gives a very fine, fan-shaped spray, and the single spike stand permits of turning in any direction or any angle. A particularly valuable feature is that it can be moved from one place to another without turning off the water.

Do Not Cut Catalogue when Ordering. Order by Number Only.

Border Spray

A511.

The "Danks" Border Spray makes it possible for a border to be well sprayed without the water being wasted on the path. It has great covering capacity, and with it there is more control of the Spraying than with the ordinary Sprinkler. The Spray can be directed at different angles, according to requirements, by just turning the pipe round in the supports. The "Danks" Border Spray is 12 ft. long, or any required length, fitted with three Spray Jets, and supplied with two Wrought Iron Supports, as illustrated. Also made with wheels at one end



The "Daspyl" Sprinkler Trolley

A512.

This unique device is readily adaptable to Sprinklers of various types, and may be used on Bowling, Putting, or other Greens, Croquet and Tennis Lawns, etc. It stands firm, and is easily moved about without causing the slightest damage to the grass. The frame is made of Wrought Iron Tubing, and the rollers of Jarrah, turned smoothly and with rounded edges. The front roller is swivelled.

Pipe sizes in this sprinkler are ½" and ¾".

The "Universal" (Regd.) Hose Support

A508.

The "Universal" Hose Support is made with Wrought Iron Stem, which has a step for driving the point into the earth.

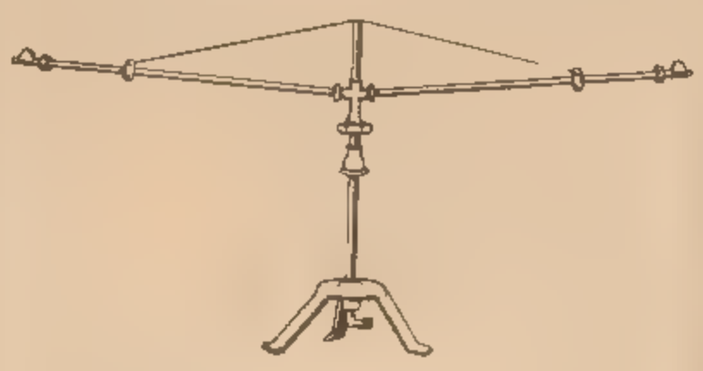
The adjustable attachment will hold the Hose Director in any required position when using the ordinary nozzle, rose, or spraying head.

A Screw Holder is provided for conveniently locating the spare rose or other fittings, so that they will not be mislaid.

The Utility Hose Support

A509.

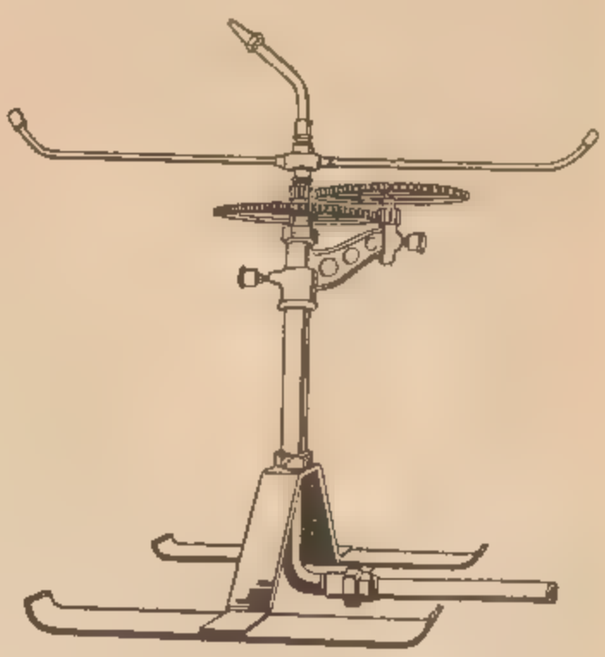
An exceedingly simple contrivance, with a fixed, notch adjustment for holding the Hose Director in any slanting or vertical position. Made with heavy cast iron head and wrought iron stem. Two sizes, to suit ½" and ¾" Directors.



"EVENSPRAY"

A510.

For Market Gardens, Lawns, Racecourses, Tennis Courts (Grass and Porous), Golf Courses, Croquet Lawns, etc. In sizes from 2' 6" up to 14' arms. Fine, Medium, Coarse or Adjustable Jets may be supplied.



Spectacular Sprinkler

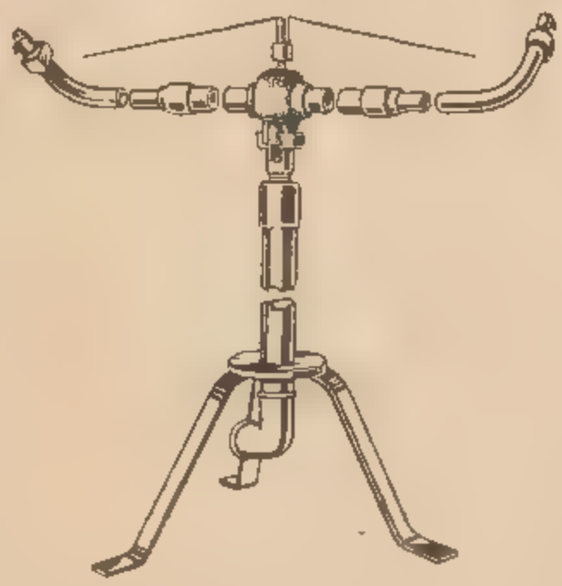
A513.

The Spectacular Sprinkler is easily the best yet for the thorough watering of large areas. Its great covering power does away with much of the labor spent on ordinary watering devices. The Spectacular is made in two types—the Stationary (as illustrated) and the Travelling. Both are of special value, and either will cover a larger area, without being moved, than any other make of Sprinkler.

Full particulars will be forwarded on request.

The "DASPYL" Rain Maker

A514.



Made in two sizes: ½" with 3 ft. arms; ¾" with 7 ft. arms.

For Watering Lucerne Fields, Orchards, Market Gardens, Lawns.

An effective and economical method of Field Irrigation and for lawn watering.

Each complete 1" sprinkler, as shown above, will give a uniform distribution of water over the full area of a circle 42 ft. in diameter. It works at full capacity on a pressure as low as 8 lbs.—which is obtainable from a tank elevated 20 ft.

The Rotary speed of the Sprinkler Arms can be altered to suit requirements, and the Spray may be regulated by the adjustable sleeve. Parts are few, strong, and well made—nothing to get out of order.

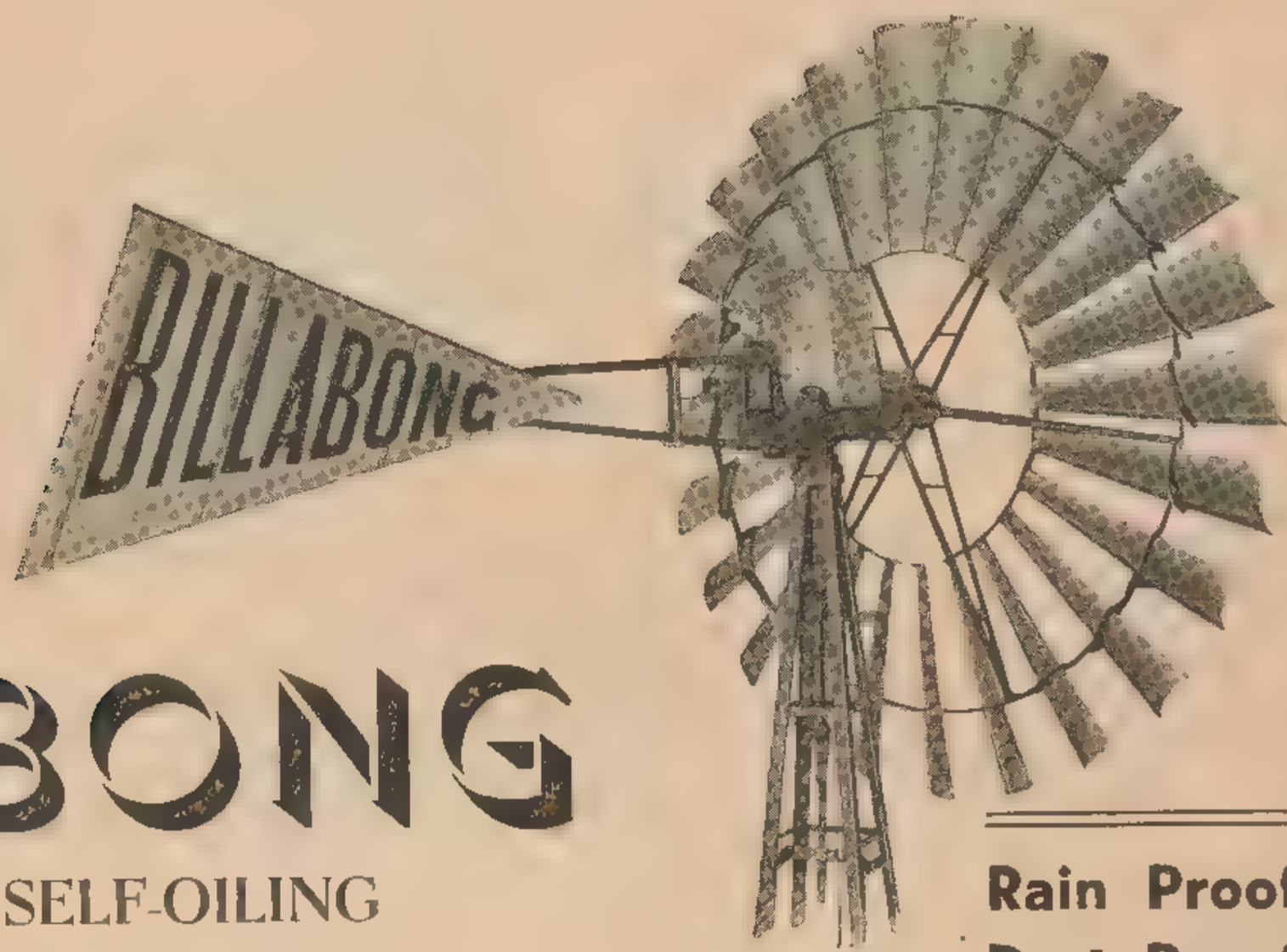
USEFUL INFORMATION

TO TELL IF BEND OR JUNCTION IS RIGHT OR LEFT HAND

(See pp. 14, 15.)

Lay fitting on floor with I.O. on top and faucet end NEAREST to you. If bend or branch now points to left, fitting is left-handed; if to right, a right-hand fitting.

When ordering such fittings, be sure to state whether you require left or right hand.



the famous

BILLABONG

ENCLOSED GEAR - SELF-OILING

WINDMILL

Rain Proof
Dust Proof
Leak Proof

The whole of the working parts are machined to gauges and interchangeability is thus assured.

Owing to the light weight of the Mill Head, less tackle and labour is required when erecting.

MAIN FEATURES:

A Modern Mill designed to give the greatest amount of Power from the Various Wind Pressure —Double Gears, Machine Cut and Ball Bearings on the Main Shaft, with Ball Bearing Race on the Tower Cap make the New Billabong extremely easy running and very sensitive to changing winds. A spacious Oil Bath and other Self-oiling Devices provide for thorough lubrication throughout, thus but little attention is required. A Cover, made of sheet steel, is fitted so as to ensure a thoroughly Weatherproof Compartment for the Working Parts. The Wind Wheel is our Standard Type, which has always given entire satisfaction. A reliable Brake, with other Special Features, governs the running of the Mill.

"Built to Withstand the Roughest Storm - Sensitive to the Slightest Breeze!"

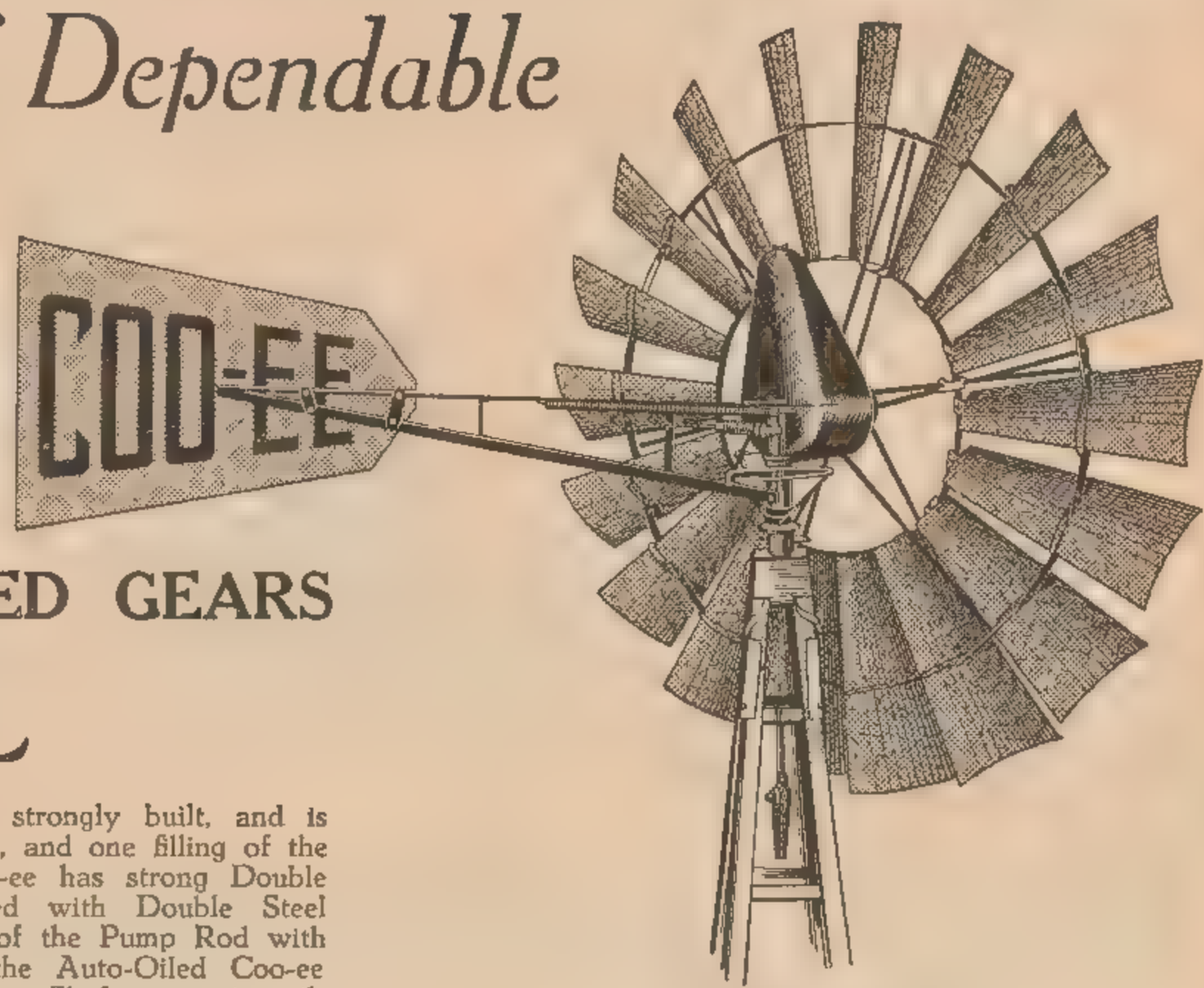
THE BASIS OF SOUND PUMPING EQUIPMENT

Write to Us, Giving Particulars of Your Pumping Problems — Danks for Quality Products

JOHN DANKS & SON PTY. LTD.
MELBOURNE AND SYDNEY

for a lifetime of Dependable Service . .

COO-EE



SELF OILING, ENCASED GEARS

WINDMILL

THE COO-EE AUTO-OILED WINDMILL is strongly built, and is very smooth running. It is completely Self-Oiling, and one filling of the Oil Well will last a year. The powerful Coo-ee has strong Double Gears, perfectly balanced and correctly meshed with Double Steel Pinions, and two stout Pitmans carry the strain of the Pump Rod with a perfect lift. The unique Oiling System of the Auto-Oiled Coo-ee provides for thorough lubrication throughout—the Shafts run in oil, and also the Gears, and with every revolution of the Wind Wheel a stream of oil flows into every bearing. Yet there is no waste, as all Surplus Oil flows back into the Gear Case to be used over again. Bearings are of Special High-Grade Bearing Metal, and are practically frictionless. The Coo-ee has been designed to meet the demand for a low-priced outfit and at the same time to give long and satisfactory service.

TROUBLE PROOF
STORM PROOF
LEAK PROOF

Manufactured by John Danks, makers of "BILLABONG" MILLS

BILLABONG ALL STEEL TROUGHING

FOR EVERY TROUGHING NEED

P1.—CATTLE TROUGH

Made up of two or more Standards, as illustrated, 20-Gauge Galvanised Steel Body, and fitted with our Patent Cleaning-out Plug.

Measurements: Height overall, 26"; width, 24"; depth, 12" capacity, about 9 gallons per foot of Troughing.

P2.—SHEEP TROUGH

Identical with Cattle Trough except that Standards are shortened and the capacity is less. Body made from 22-Gauge Galvanised Steel. Fitted with our Patent Cleaning-out Plug

Measurements: Height overall, 14"; width, 20"; depth, 10"; capacity, about 6 gallons per foot of Troughing.

P3.—STABLE DOOR TROUGH

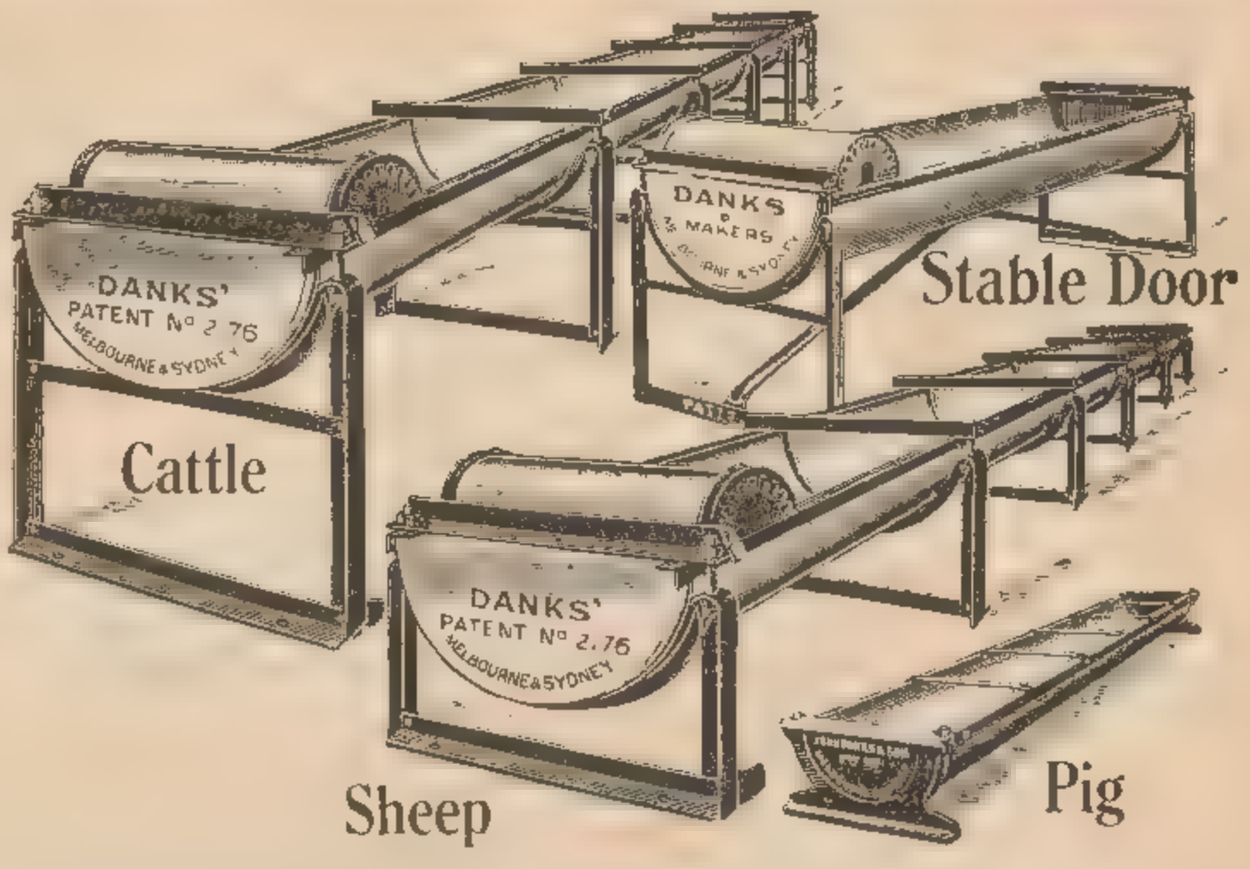
A specially designed Trough for placing in front of hotels or by the stable door. Made of Heavy Steel Standards with Cross Stays and ⅛" Curved Sheet Steel (Painted), and constructed with the same care and thought for effectiveness and permanence which gives superiority to all our Troughings.

Measurements: 8', 10', and 12' long; 20" wide x 10" deep; 8', 10' and 12' long; 24" wide x 12" deep.

P4.—PIG TROUGH

Body of Trough is of 14 W.G. Sheet Steel and sides are protected and strengthened by means of Angle Steel. The ends are of Cast Iron, and afford great strength and a good joint. The troughs are thoroughly coated with paint before leaving our Factory.

Measurements: Note—All Troughing Measurements are approximate. 12" wide, and 4', 6', 9', or 12' in length.



Rigid and strong, these Troughs are thoroughly leak-proof, will not warp or crack, and are quickly and easily cleaned.

FOR HIGHEST QUALITY INSIST ON "BILLABONG AND COO-EE"

USEFUL PUMP INFORMATION

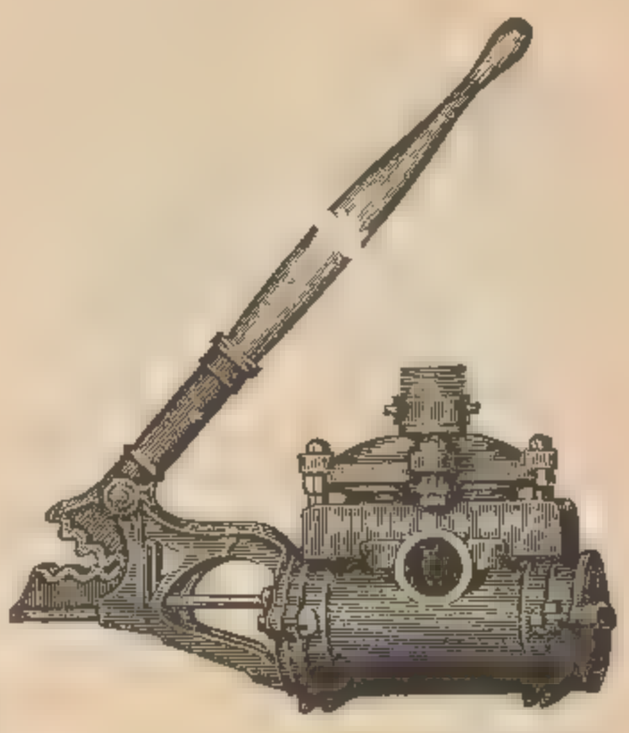
1. TO GIVE SATISFACTION, a pump must be suitable for its duties and properly installed.
2. THE SUCCESSFUL ACTION of a pump depends, firstly, on the suction pipe joints being absolutely air tight.
3. TOTAL SUCTION HEAD should never exceed 20 to 25 feet. This may be computed by adding together the vertical height from lowest summer water level, to centre of pump and the friction in the suction piping.
4. HORIZONTAL SUCTION PIPES when necessary should always fall from the pump; all air will then pass upwards. When this is not convenient, care must be exercised to see that there is no chance of air lodging along the top of the inside of piping. If this may occur it is absolutely essential to fit cocks so that all air may be allowed to escape. When different sizes of horizontal suction piping are used, air cocks are generally necessary. The shorter the suction piping, the greater the efficiency. Never use elbows, and as few bends as possible. When convenient, keep piping underground to avoid frost.

"BILLABONG" LOW DOWN DOUBLE-ACTING FORCE PUMP

With Ratchet Gear

P5.

This Ratchet Gear Pump is easy to operate. There are no complicated parts. The Piston is supplied with Double Cupped Leathers, Polished Steel Piston Rod, Brass Packing Glands, and Rubber-faced Metal Valves. All Waterways are of large capacity. Total Vertical Lift and Force, 50 feet, from water to point of discharge. Suction lift must not exceed 25 feet.



P5.

Sizes:

Cylinder, 3" x 4" Stroke for 1½" pipe.

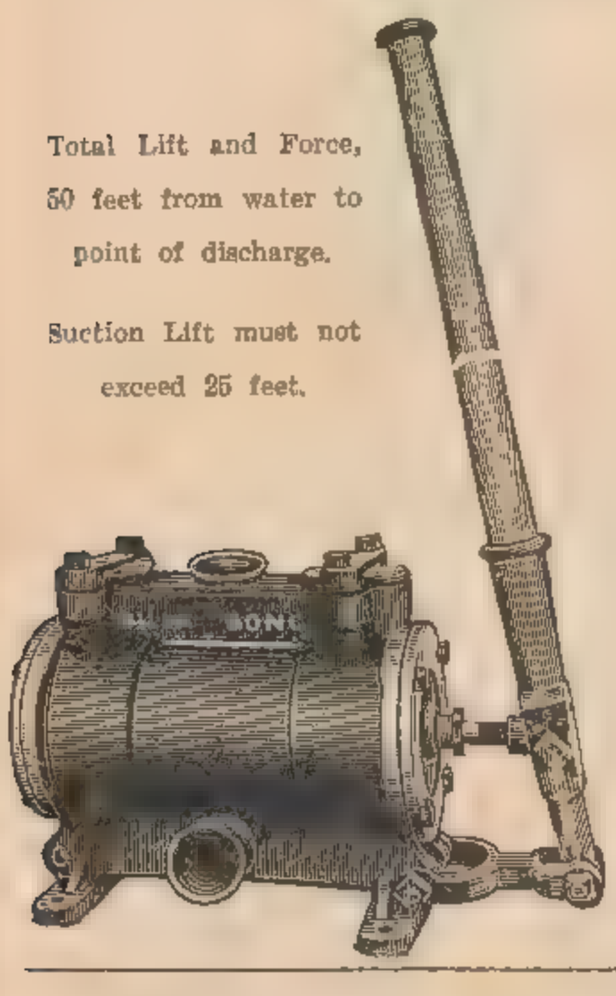
Capacity, 480 gals. per hour slip excepted.

Cylinder, 5" x 5" Stroke for 2" pipe.

Capacity, 1680 gals. per hour, slip excepted.

BILLABONG PUMPS

And Pumping Equipment



Total Lift and Force, 50 feet from water to point of discharge.

Suction Lift must not exceed 25 feet.

"BILLABONG" LOW DOWN DOUBLE-ACTING FORCE PUMP

P6.

A Durable Pump of large capacity, more heavily constructed than many pumps of its kind now on the market. Has no complicated parts. The Piston has Double Cupped Leathers. Piston Rod is of Polished Steel, Packing Gland is of Brass.

Valves, which are all metal and rubber-faced, may be easily and quickly removed by unscrewing the valve covers shown on top of Pump.

All Waterways are of large capacity.

Size: Inside diameter of cylinder, 5 inches.

Stroke, 5 inches.

Pipes: Suction and discharge, 2 inches inside diameter.

Capacity: Per hour at 40 double strokes per minute, slip excepted. Imperial gallons, 1680.

USEFUL PUMP INFORMATION

(continued):

5. A FOOTVALVE and strainer are in all cases recommended.
6. DELIVERY PIPES should not be of less diameter than half the bore of the working barrel, and, if of considerable length, larger than this. If delivery pipes are of small diameter, great friction is caused, and much more power than necessary is required to work the pump.
7. STATIC HEAD: This means the height the point of discharge is above the level of the water being pumped.
8. FRICTION HEAD is the term applied to the resistance caused by the friction of the flowing water against the pipe interior. This friction cuts down the effectiveness of the power used, and should be reduced as much as possible. A small pipe offers more friction to a given flow of water than does a larger pipe. Therefore, pipes, of large diameter, and with few bends, are more economical, in the end, as less power is required to pump through them.

CISTERN LIFT PUMP

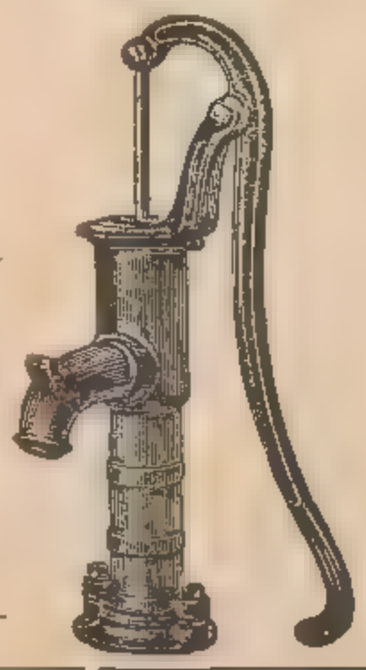
With Revolving Stand

P7.

Total Vertical Suction Lift, 25 feet.

A popular Pump for Cisterns and Shallow Wells. The base is secured to cylinder by lugs and set-screws, which allow the spout to be turned in any direction. Not supplied with Nut and Tail.

No. of Pump	Size Inside dia. of cyl. in inches	Stroke Length in inches	Pipes Inside dia. in inches	Capacity Galls. per hour at 30 Strokes per min. slip excepted
			Suction	
2	2½	5	1¼	159
3	2¾	6¾	1¼	260
4	3	6¾	1½	309
6	3½	7¼	2	452



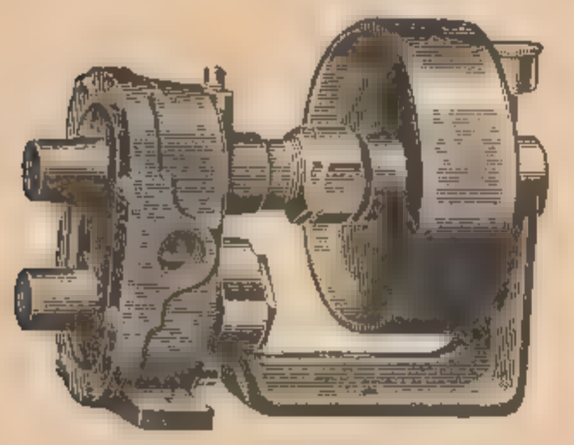
SPARE PARTS for all Pumps always available

JOHN DANKS & SON PTY. LTD.

M E L B O U R N E A N D S Y D N E Y

POWER ROTARY FORCE PUMPS

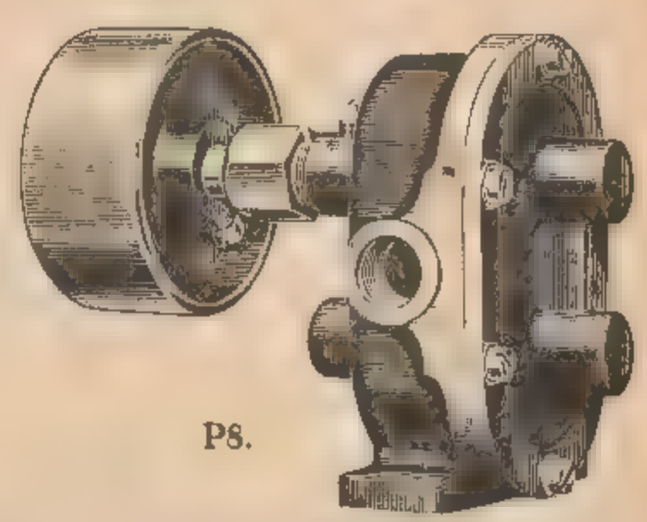
FOR PUMPING AND CIRCULATING OIL AND OTHER FLUIDS



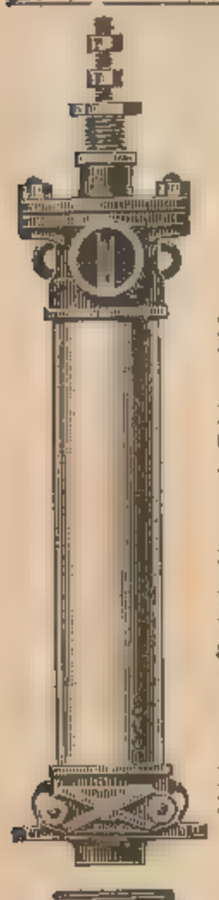
P9.

The gears are machine cut, from high-grade gun metal, and are accurately fitted so as to give a maximum of efficiency. The spindles are mounted in long bearings so as to ensure alignment, thus accurate running is longer maintained.

No. P8.—Single Bearing Type: ½", ¾".
No. P9.—Double Bearing Type: ½", ¾".



P8.



The "Danks" All Brass. Windmill Pump

P10.

An improved windmill pump of our own design and make.

Popular throughout the Commonwealth on account of its durability and efficiency.

Accessibility is a feature. The Bucket or Plunger may be withdrawn by removing the top cover, and an inspection cover is provided for the bottom valve.

Well Finished. Strong. Fitted with Stuffing Box. 2", 2½", 3", 3½", 4", 4½", 5", 6".

BRASS CYLINDERS

With W.I. Bolts (supplied with Brass Bolts if required)

P11.

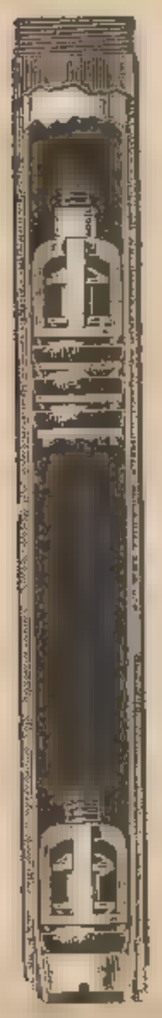
No. of Bolts	Dia. of Barrel	Lth. of Stroke
2	1½"	8"
2	2"	8"
		12"
3	2½"	8"
		12"
3	3"	8"
		12"

P12.

Dia. of Barrel	Lth. of Stroke
2"	8"
	12"
2½"	8"
	12"
3"	8"
	12"
3½"	12"
4"	12"
4½"	12"
5"	12"
6"	12"

P13.

Dia. of Barrel	Lth. of Stroke
2"	12"
2½"	12"
3"	12"



P14.

Brass Lined Bore Cylinder

Draw Plunger Type

Made of Galvanised Wrought Iron Pipe; fitted with a liner of Solid Drawn Brass Tube.

Inside diameter of Cylinder	Length of Stroke	Pipe Thread
1¾"	The Stroke of these cylinders varies from 20 inches up, according to requirements. When coding or ordering, state stroke required.	2"
2¼"		2½"
2¾"		3"
3¼"		3½"
3¾"		4"

BRASS BORE CYLINDERS

P15.

P15.

Dia. of Barrel	Lth. of Stroke
2"	8"
	12"
2½"	8"
	12"
3"	8"
	12"

P16.

P16.

Dia. of Barrel	Lth. of Stroke
2"	8"
	12"
2½"	8"
	12"
3"	8"
	12"
3½"	12"
4"	12"
5"	12"
6"	12"

P17.

P17.

Dia. of Barrel	Lth. of Stroke
2"	12"
2½"	12"
3"	12"

P18.

Brass Differential Head

Well finished throughout.

Sizes: 1¼", 1½", 2"

Can also be supplied screwed both ends.

Order by Number. Do Not Cut Catalogue.

For WROUGHT IRON PIPES and Fittings for All Pumping Purposes, See Page 24.

Hand Power Attachment

P19.

This attachment is intended for use on bolted cylinders or bore pumps for operation by hand or windmill power. It is furnished for adjustable strokes of 5½" x 7" and 9". Conveniently constructed to enable pipe connections to be easily made. A Tee-piece is included for connecting the attachment to pipe.

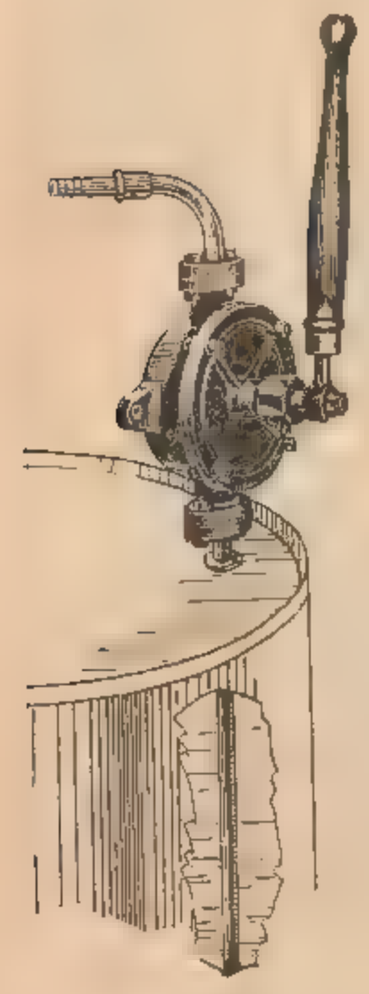
Semi-Rotary Double-Acting FORCE PUMP

P20.

Description of Pump: Parts and Valves, Brass; Body, Iron.

No. of Pump	Pipes Inside Diameter Suc. Dis.	Capacity Approx. in galls. per hour slip excepted Imper.
0	½"	175
1	¾"	396
2	1"	528
3	1¼"	662
4	1¼"	888
5	1½"	1192
6	1½"	1450
7	2"	1848

Also made in Gun Metal or Brass



The Danks' Oil Pump

P21.

For Pumping Oil, Petrol and Other Liquids

Fig. 5151.
Supplied with Suction Pipe and Bend, and with Hose Attachment as illustrated.

Readily attached to Drum. Easy to operate and very efficient.

Made in three sizes: No. 0, ½"; No. 1, ¾"; No. 2, 1".

These Pumps are popular on account of their utility, and are easy to operate. They are specially suitable for raising water, oils, hot liquids, etc.

Made of Cast Iron, and fitted with Brass Valves; also of Brass throughout, producing a much more durable article, and one that is suitable for use with mineralized waters.

The handle may be placed to work the Pump either vertically or horizontally.

You can always depend on DANKS

BILLABONG HYDRAULIC RAM

P22.

The Billabong Hydraulic Ram is a self-acting Pump, specially suitable for supplying water to Factories, Dairies, Stockyards, Farms, Homesteads, small Towns, etc.

The Valves of this Ram are heavy, and strongly made of Brass.

Construction throughout is of the best, and the materials are of reliable quality.

No. of Ram	Pipes, Inside Diameter Drive	Discharge	Approx. No. of gallons per minute required to operate Ram
3	1"	½"	1½ to 4
4	1¼"	½"	3 ,, 7
5	2"	¾"	6 ,, 14
6	2½"	1"	12 ,, 25
7	3"	1½"	20 ,, 40
10	4"	2"	25 ,, 100

The Capacity of the Hydraulic Ram is entirely dependent upon working conditions.

On receipt of answers to the following questions, we will furnish full particulars of a suitable plant.

Capacity of flow at source of supply in gallons per minute (this is to give an idea of the supply available for Ram). W. Vertical height (or fall) from source of supply, to Ram. X. Distance in which fall is obtained. F. Vertical height from Ram to point of discharge. Gallons required per day (roughly). (Make rough sketch, showing how you intend laying down the pipes).

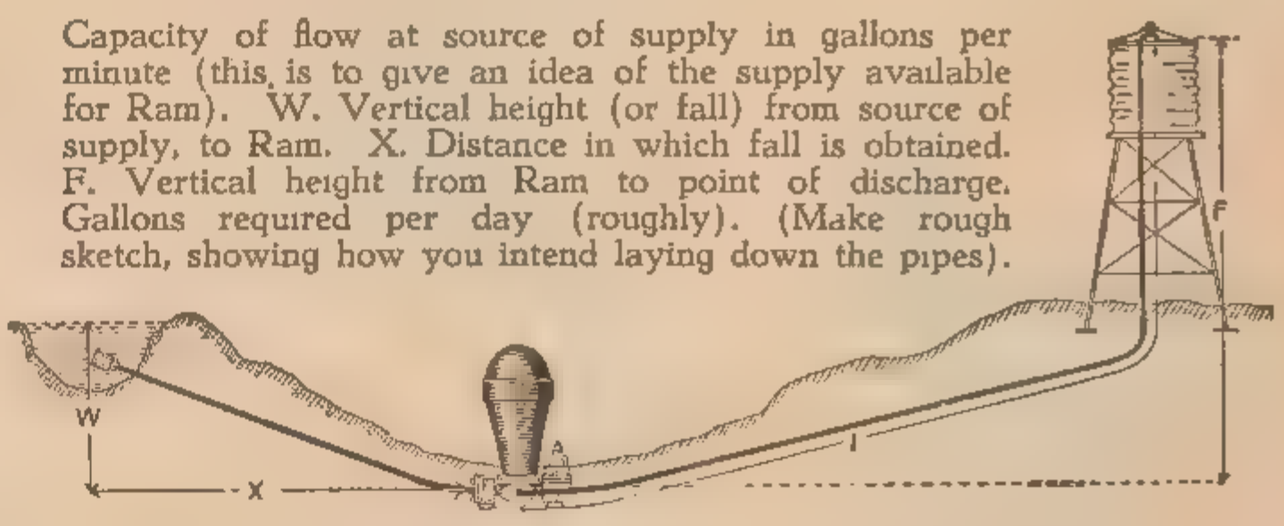


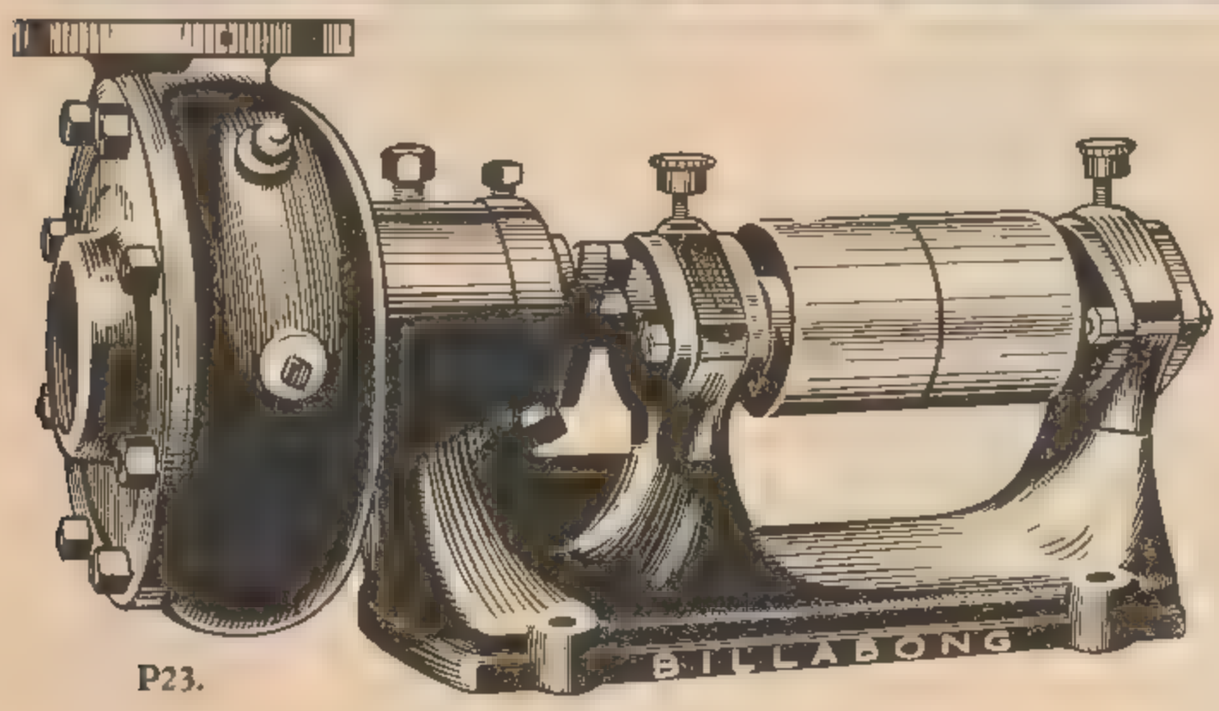
Table Showing Efficiency of the Hydraulic Ram

Minimum fall of water, in ft., under which ram will effectively elevate water to height given below	2	2	2	3	4	5	6	7	8	10	12
Height, in ft., the water may be elevated . . .	4	6	8	15	24	35	48	63	80	100	120
Length of drive pipe, in ft. ..	12	12	12	15	20	30	40	50	60	75	95
Proportion of water elevated or discharged by the ram	2/7	1/5	1/7	2/17	1/10	1/12	1/14	2/31	1/17	1/18	1/20

This Table applies only to Billabong Hydraulic Ram, Fig. No. P22.

NOTE: When ordering, refer to Catalogue number. Do not cut Catalogue, as this will destroy its value to you. The illustrations herein are as accurate as possible, but since alterations to goods occasionally occur, we do not bind ourselves to every small detail shown in the drawings.

The "BILLABONG" Australian Centrifugal Pumps



P23.

Sizes: ¾, 1, 1¼, 1½, 2, 2½, 3, 4, 5, 6, 8.
For Heads up to 60 feet.

GENERAL DESCRIPTION

Shaft of best steel, carried on C.I. Standards, fitted with ball-bearings, reducing Horse Power required. **IMPELLER** of the enclosed type carried in G.M. Journal.

Stuffing Boxes.—Extra deep stuffing boxes are provided, allowing ample space for packing. The brass gland is strong, well-made and accurately fitted.

Swivelling.—Discharge on all sides can be adjusted to almost any angle without interfering with efficiency.

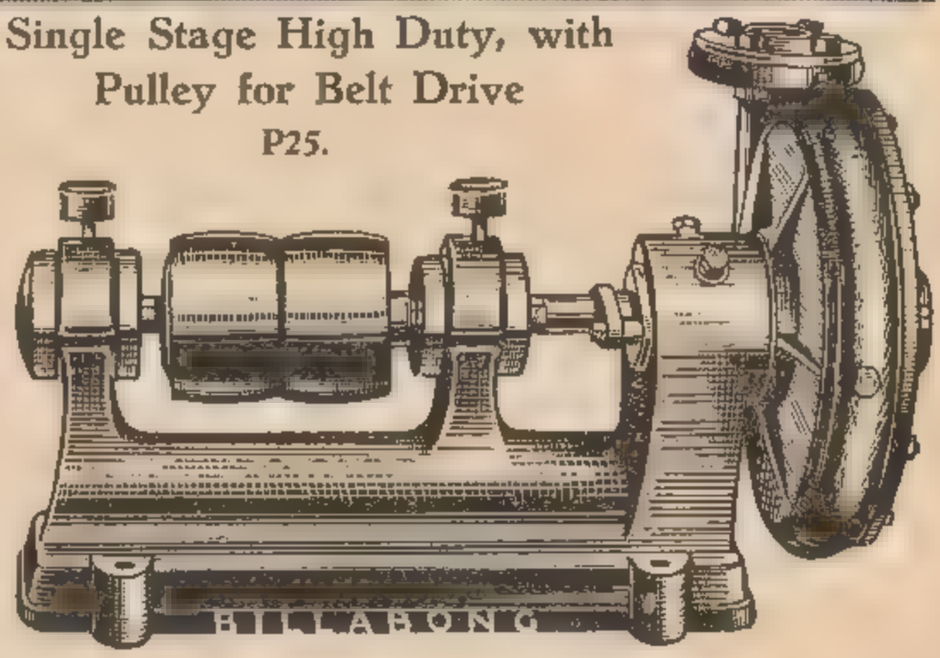
Priming.—Before starting, prime the pump and suction pipe through the priming plug on top of the pump casing. See that all suction pipe joints are air-tight, and that foot-valve and strainer has ample waterway, and is in good working condition.

Lubrication.—Use Grease. When using Grease, don't pack too tight; use Oil for Gland.

Manufacture.—These Pumps are made only of the best materials, are of superior workmanship, and are well mounted on a substantial base.

Single Stage High Duty, with Pulley for Belt Drive

P25.

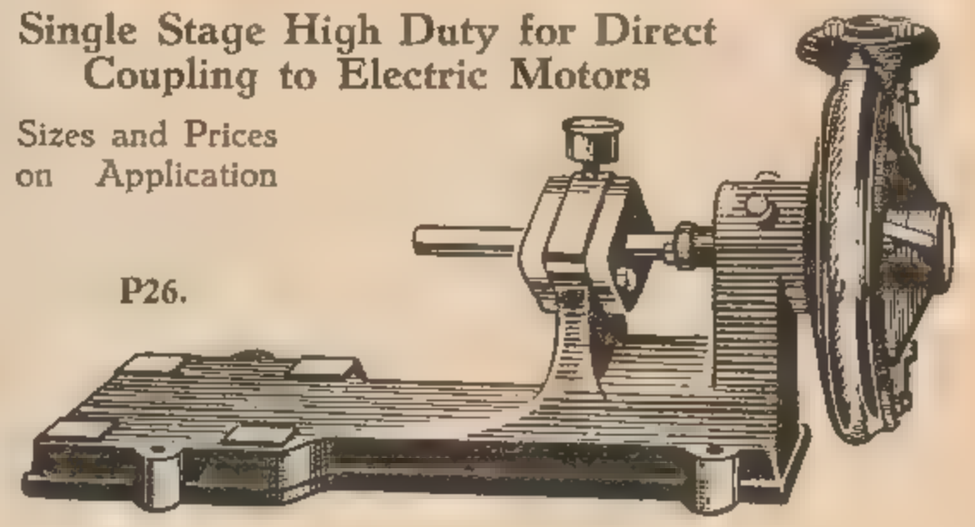


Sizes: 1, 1¼, 1½, 2, 2½, 3. For Heads up to 120 feet.

Single Stage High Duty for Direct Coupling to Electric Motors

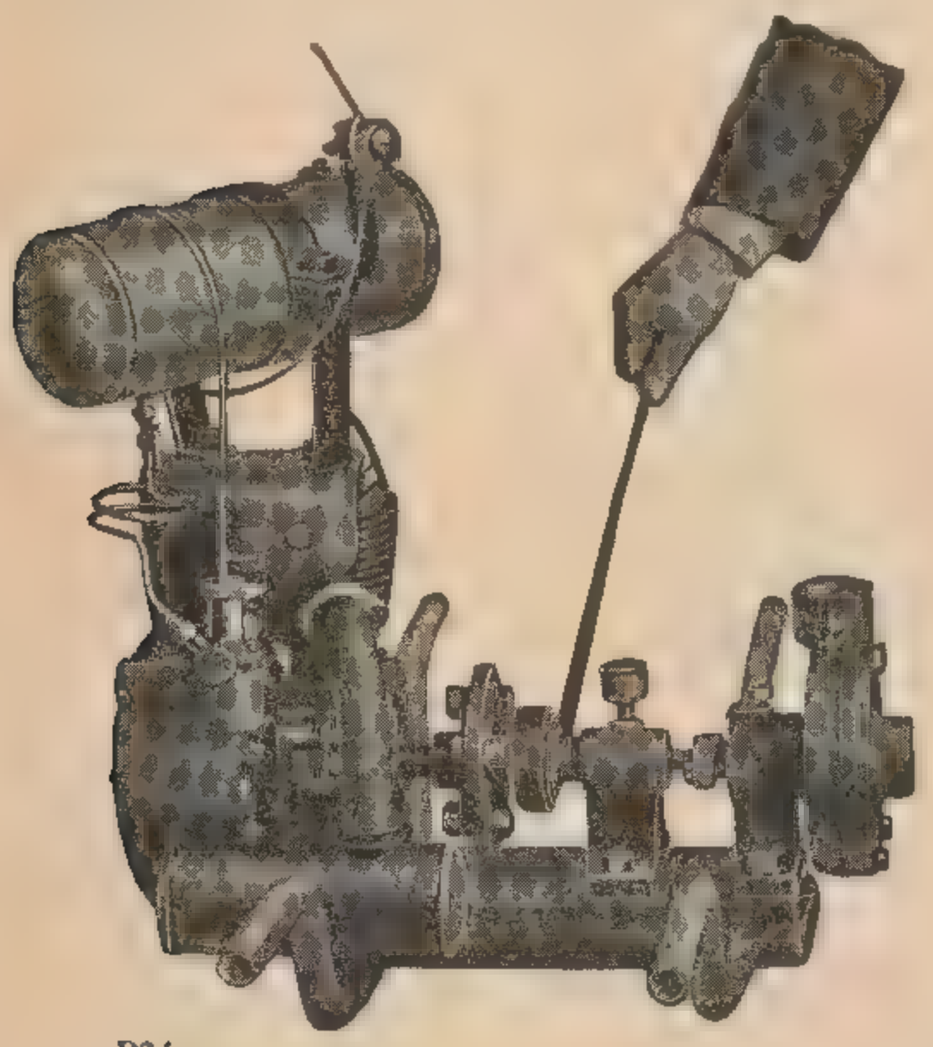
Sizes and Prices on Application

P26.



With C.I. Bedplate for Electric Motor.

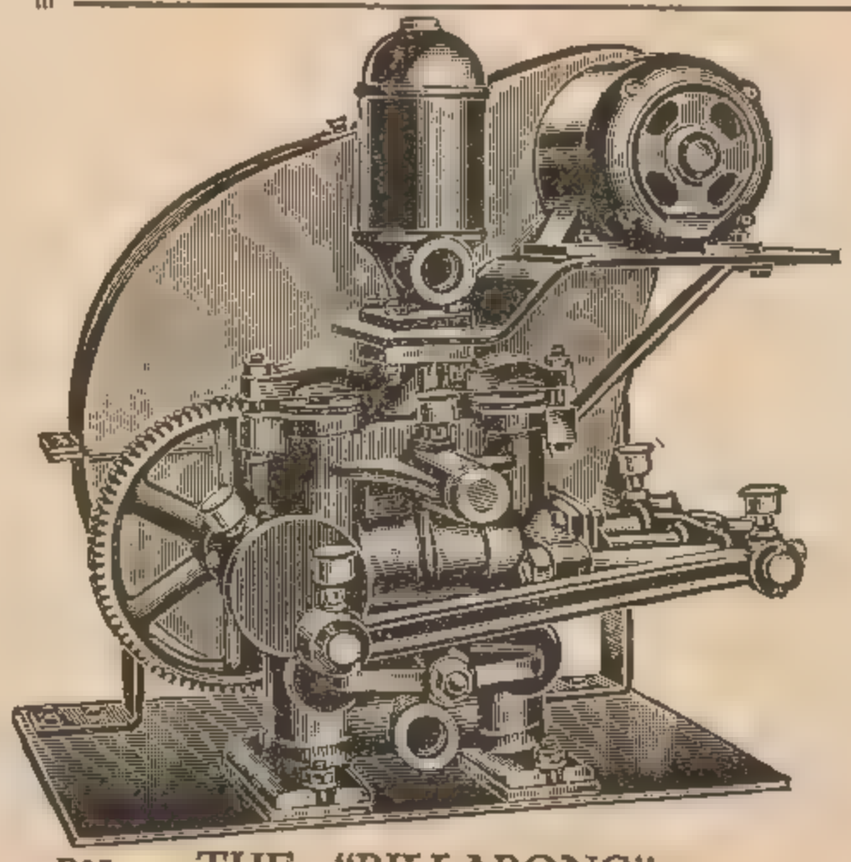
YOU CAN DEPEND ON DANKS' QUALITY



P24.
Single Stage Direct-Coupled to Petrol Engine and Mounted on Cast Iron Bedplate, with Tubular Handles for Transport

1½" Pump and 1½-2½ h.p. Variable Speed Engine.
For Elevations up to 60 feet.

Capacity up to 100 gallons per minute, according to Speed and Elevation



P27. THE "BILLABONG"
Double Acting Piston Pump

An ideal electric pumping outfit. The 2½" x 4" is a popular household water supply unit, as it can be operated with a ¼ h.p. single phase motor, for heads up to 50 feet, and can be fitted with any type of motor, ranging in h.p. from ¼ to 1, for heads up to 250 feet.

It can be supplied with the necessary equipment for making it full automatically controlled pneumatic system, for pressure up to 100 lbs. per square inch.

All sizes, viz.: 2½" x 4", 3" x 5", 4" x 5", 5" x 5", can be supplied, fitted with motors of sufficient horse-power to meet requirements.

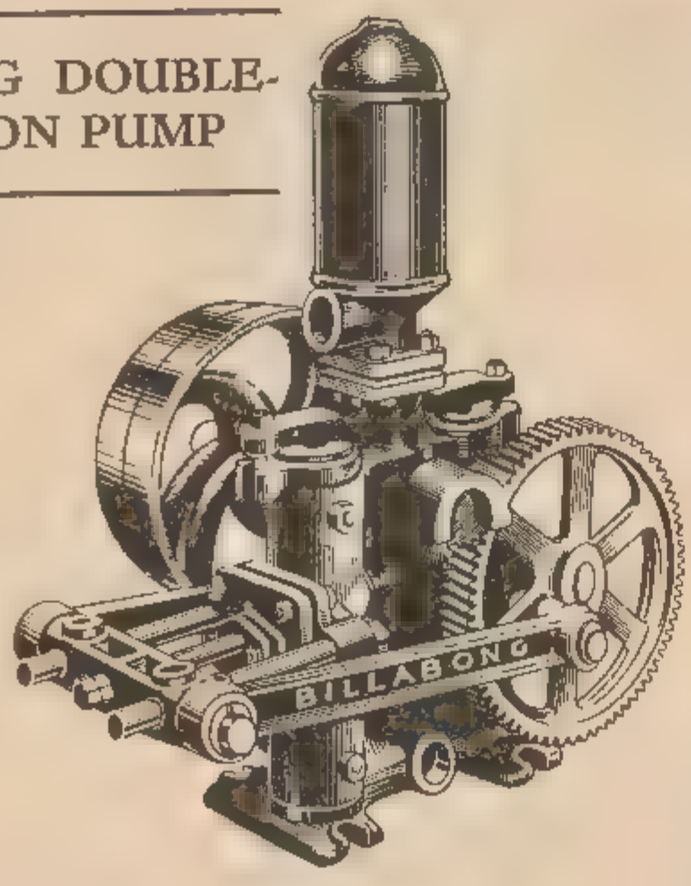
"BILLABONG" PUMPS FOR EFFICIENCY AND DEPENDABILITY

THE BILLABONG DOUBLE-ACTING PISTON PUMP

With Fast and Loose Pulley for Petrol Engine or Other Belt Drive.

P28.

Made for elevations up to 250 ft., Head or Equal Pressure.



The "Billabong" Double-Acting Piston Pump is made at our own works. Only expert workmanship and good quality materials enter into its construction.

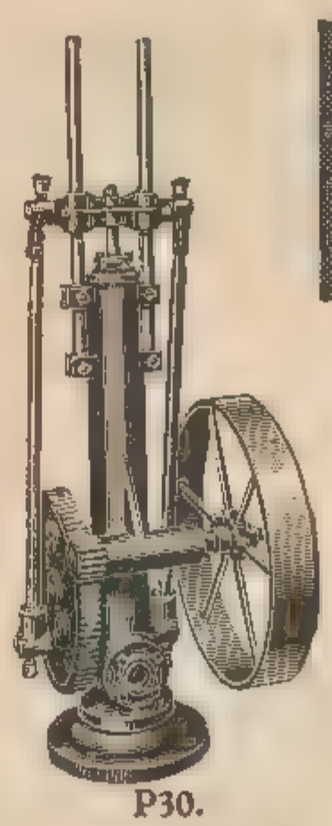
The "Billabong" combines ample power and large capacity in most compact form. The Base, Cylinder, Bearings, and one Cylinder Head are cast in one piece—ensuring the alignment of Gearing, and giving an unusually rigid construction.

It is specially adapted to meet the demand for a medium-priced power pump to be operated by kerosene or petrol engines, or other belt power. The Piston is made of high-grade carbon steel, and the Piston Rod is brass cased. Gears and Pinions are machine cut from the solid. The Cylinder is brass lined, and the rubber valves are seated on brass. Bucket leathers are cup-shaped. Suction may be taken from either side, and delivery in four different directions.

Size Diam. and Stroke	Inside Dia. of Suction and Delivery	Revolutions of Pulley per Min.	Gallons per Hour, not allowing for Slippage	Fast and Loose Pulley	50 100 150 175 250 feet
			Imp.	Dia. Wid h	B H P.
2½" x 4"	1¼"	200	339	15" x 2½"	¼ ⅓ ½ ¾ 1
3" x 5"	1½"	200	611	15" x 2½"	¼ ½ 1 1 1¼
4" x 5"	2"	200	1086	15" x 3"	½ 1 1½ 1¾ 2¼
5" x 5"	2½"	200	1697	16" x 4"	¾ 1½ 2 2½ 3½

Geared 5 to 1. Speed of Crank Shaft, 40 strokes per minute. B.H.P. is that required at Pump Pulley, and expressed in terms of not less than ¼ B.H.P. Efficiency is taken at only 60 per cent.

Deep Well Working Heads



P30.

P30, with Single Pulley, 20" x 4".

With Differential Head

	Stroke	Suction Pipe Thread	Discharge Pipe Thread	Strokes per Minute
Single Geared ..	7" & 9"	2"	2"	30 to 40

Takes ⅜" Pump Rod.

SPECIFICATION:

This design of Working Head is arranged to give various different strokes to suit Pumps varying in capacity. The Head is of vertical type on large base with round cast iron column.

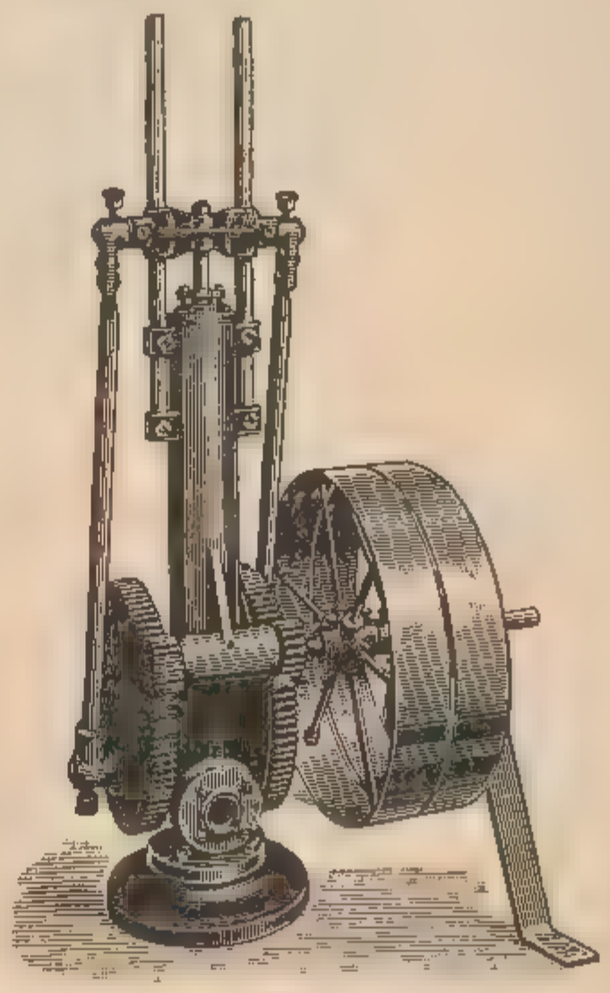
Gears are machine cut and accurately fitted to operate with the least possible friction. The ratio is 6 to 1. Shafting of Mild Steel, carried in long bearings, cast on iron column, supplied with gunmetal bushes and lubricated with grease cups.

Pitmans are of wrought iron, supplied with grease cups.

Cross Head is cast iron running on Mild Steel guides held in position by sockets cast on column.

All parts are interchangeable.

Can also be supplied with Reduction Gear for direct coupling to electric motor.



P35.

P35, with Two Pulleys, 24" x 4"

Fitted with Differential Head.

Stroke	Suction Pipe Thread	Discharge Pipe Thread	Strokes per Minute
Double Geared— 9", 11", 13"	3"	2"	25 to 40

Takes ½" Pump Rod.

The items listed, while being representative, do not comprise our entire stocks. Should we not list here the exact types you need, write us—we probably can secure or make it for you.

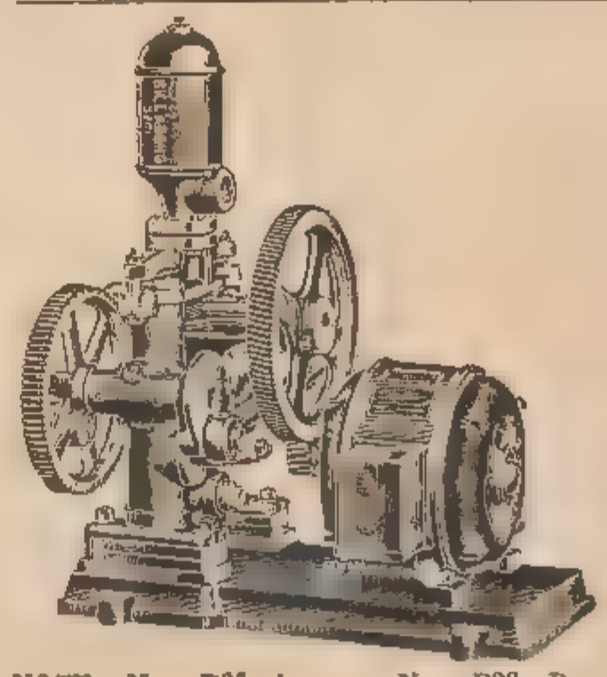
Pump Jack

P29.

Fitted with Differential Head.

This is a geared power attachment for belt drive, designed for connecting to delivery pipes of Windmill Pumps and Cylinders. No pump standard is required. The gears are placed so as to prevent side thrust on plunger rod.

Gearing 5 to 1. Stroke adjustable to 5 in., 7½ in., 10 in. Fast and Loose Pulleys, 12 in. diameter x 2 in. face. Supplied with wood pitmans and pump rod. Screwed ½ in. Gas Thread at top and ⅜ Gas Thread at bottom. Clamps take 2 in. pipe.



The Billabong Double-Acting Piston Pump

With Reduction Gear for Electric Motor Drive.

Motor Speed, 1420 Rev.

P36.

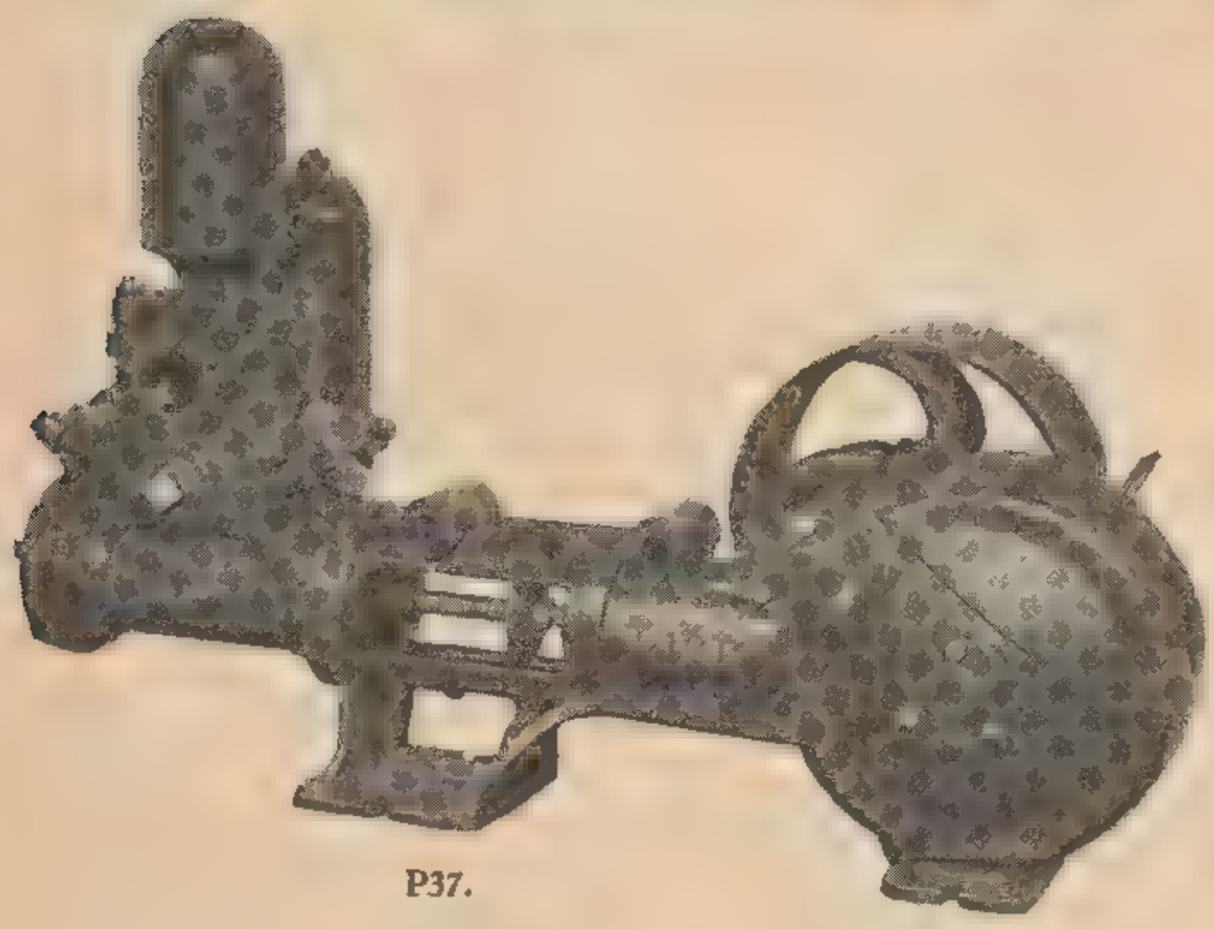
Supplied either with or without Base and with or without Motor.

NOTE.—No. P36 is our No. P28 Pump adapted for Electric Motor Drive. And with the exception of a Gear Wheel replacing the Driving Pulleys, the Pumps are identical, and the description given on this page applies to both.

JOHN DANKS & SON PTY. LTD.

MELBOURNE AND SYDNEY

The FORRERS Self Oiling PUMP



P37.

MOTOR OR ENGINE DRIVE

For General Service.
Fully Enclosed.
Self Oiling.
Back Geared 5 to 1.

100 pounds pressure, or 230 feet elevation. Continuous performance 24 hours a day without attention.

— —

SPECIFICATIONS AND CAPACITIES

No.	Diameter	Stroke	Max. speed R.P.M.	Max. gallons per hour	Fast and loose pulleys	Suction and discharge
912 F	2½"	3"	70	450	12 x 2"	1¼"
913 F	3"	4"	70	850	14 x 2½"	1½"
914 F	4"	5"	65	1750	16 x 4"	2"
915 F	5"	5"	60	2550	16 x 4"	2½"
916 F	6"	6"	52	3800	24 x 4"	3"

FLOOR SPACE

2½" x 3" Pump: 15" x 34". 4" x 5" Pump: 24" x 54".
3" x 4" Pump: 18" x 42". 5" x 5" Pump: 24" x 56".
6" x 6" Pump: 28" x 66".

The illustration shows the Pump equipped with Fast and Loose Pulleys for engine drive. May be easily changed to "V" Belt drive with motor mounted on Pump or in front.

EACH PUMP TESTED UNDER 125 POUNDS PRESSURE

Feet Elevation or Head	25	50	75	100	150	200
H.P. Required, 2½ x 3" Cyl. (70 R.P.M.)	½	⅞	¼	¾	1	1½
H.P. Required, 3 x 4" Cyl. (70 R.P.M.)	½	¾	1	1¼	1½	2
H.P. Required, 4 x 5" Cyl. (65 R.P.M.)	1	1¼	1¾	2¼	3	4
H.P. Required, 5 x 5" Cyl. (60 R.P.M.)	1	1½	2½	3	4½	6
H.P. Required, 6 x 6" Cyl. (52 R.P.M.)	1½	2¼	3½	5	7	8½

WE ARE SOLE AGENTS FOR FORRERS IN ALL STATES, EXCEPT QUEENSLAND

THE FORRERS HIGH PRESSURE POWER PUMP

Fully Enclosed.
Self Oiling.
Back Geared 5 to 1.
Heavy Duty, for 250 pound pressure.

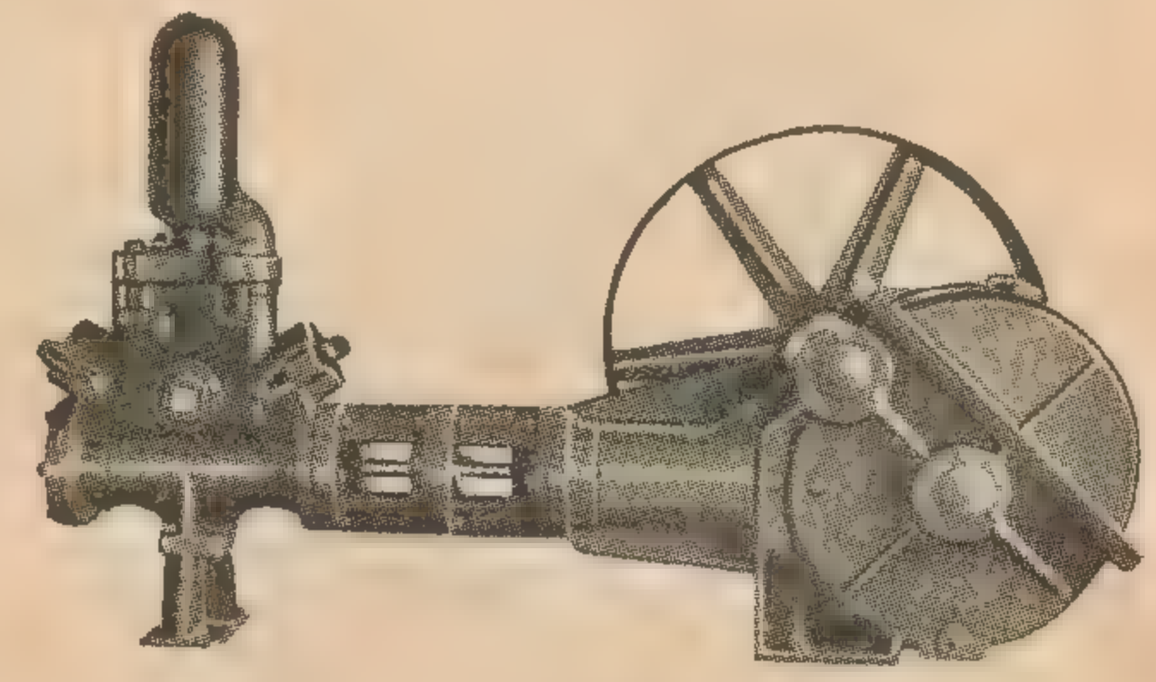
— —

Specially adapted for Mines, Water Works, Farms, etc. For use in raising water not exceeding 25 feet vertical lift to low water level.

FLOOR SPACE

1¾" x 3" Pump: 15" x 34". 3" x 5" Pump: 18" x 54".
2¼" x 4" Pump: 18" x 44". 4" x 6" Pump: 24" x 64".
5" x 8" Pump: 40" x 74".

Pump No.	Cylinder brass lined. Diam. & stroke	Capacity. Usual plunger speed R.P.M.	Capacity. Max. plunger speed R.P.M.	Max. galls. per hour at pump	Max. horse power	Pulleys. Fast and loose	Suction and discharge
931 F	1¾ x 3	60	70	215	2	12 x 2	1 x ¾
932 F	2¼ x 4	60	70	485	4	14 x 2½	1¼
933 F	3 x 5	50	55	840	7½	16 x 4	1½
934 F	4 x 6	40	50	1625	14	24 x 4	2
935 F	5 x 8	35	45	3030	18	30 x 6	2½



P38.

In working against pressure the above capacities will be reduced by 5% to 10% on account of slippage.

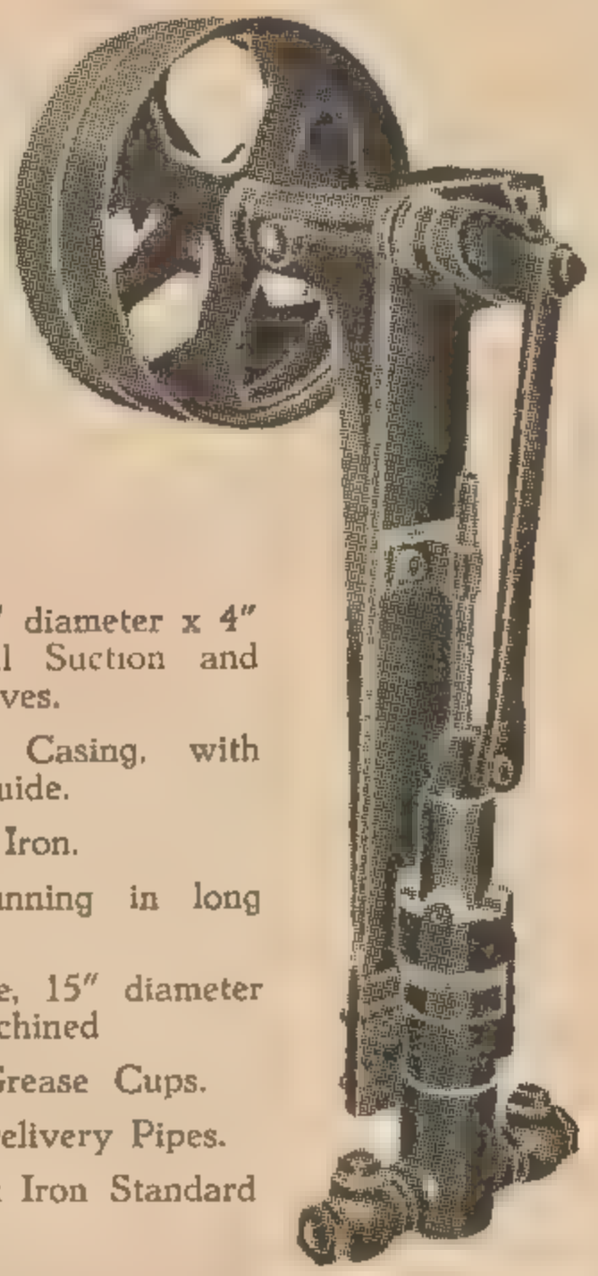
EACH PUMP TESTED UNDER 300 POUNDS PRESSURE

Feet Elevation or Head	250	300	350	400	450	500
H.P. Required, 2¼ x 4" Cyl. (65 R.P.M.)	1½	2	2	2½	2½	3
H.P. Required, 3 x 5" Cyl. (60 R.P.M.)	3	3½	4	4½	5	6
H.P. Required, 4 x 6" Cyl. (50 R.P.M.)	5	6	7	8	9	10
H.P. Required, 5 x 8" Cyl. (45 R.P.M.)	9	10	12	13	15	17

ANY OF THESE PUMPS CAN BE FITTED WITH "V" ROPE DRIVE

To Lift Water Economically and Efficiently Without Attention to the Plant, Write to Danks

MILK PUMP



P39.

Cylinder.—Gun Metal, 2" diameter x 4" stroke, with Gun Metal Suction and Delivery Valves.

Plunger. — Gun Metal Casing, with Sleeve and Guide.

Crank.—Cast Iron.

Shaft. — Mild Steel running in long bearing.

Pulleys.—Fast and Loose, 15" diameter x 2" face. Machined

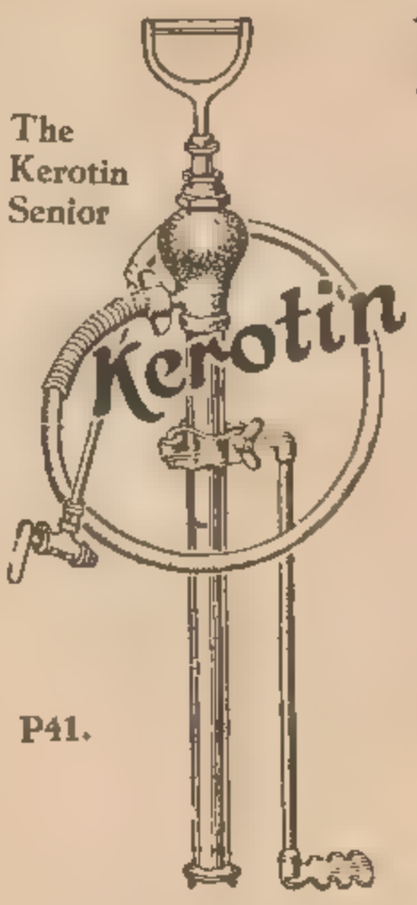
Lubrication.—From Grease Cups.

Suit ¾" Suction and Delivery Pipes.

Mounted on strong Cast Iron Standard

KEROTIN SPRAY PUMPS

The Kerotin Senior



P41.

Made with Graduating or Ordinary Nozzle

P42.

The Kerotin has been a popular spray pump throughout Australia for many years. From time to time improvements have been made, and now we claim it is without a peer for length of life, efficiency and low price. This handy little pump is made of Brass throughout. It is fitted with Ball Valves, and the Air Chamber is our New Type, with air retaining tube. The Kerotin is sent out with 3 feet of strong detachable hose, armoured at pump to prevent kinking, fitted with a 6 inch brass director. The Kerotin discharges a continuous spray, and is an ideal pump for small orchards and the flower garden, for applying lime wash and disinfectants to fowl runs, cattle sheds, etc. The iron and brass footrest makes the pump suitable for use with standard size Kerosene tin or ordinary bucket.

The REGA Under Arm Sprayer

P43.

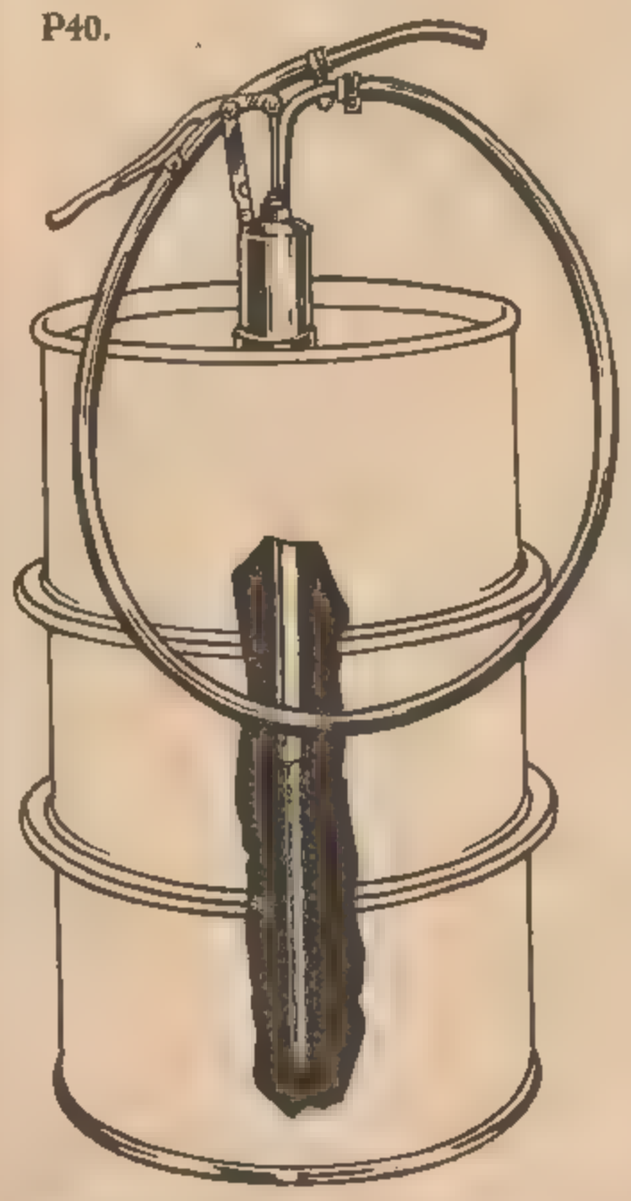
Made entirely of Brass

P44. Veterinary Enema Nozzle

For use with the Kerotin Spray Pump

The "HANDY" UTILITY PUMP

P40.



For Petrol Drums

For ..

PETROL
KEROSENE
DEISEL OIL
TRACTOR
FUEL
and
OTHER
LIQUIDS

SAFE
RELIABLE
INEXPENSIVE

Adaptable to all Oil Companies. Standard 45, 25, 12 gall. Bulk Drums.

SPECIFICATION: Cast iron Cylinder, Cast iron Piston and Piston Ring, no Leather Buckets to wear, Adjustable Down Pipe, 6 feet Hose and Nozzle. Capacity, 6 gallons per minute. Easy Pumping. Spare Parts available.

KNAPSACK SPRAYER

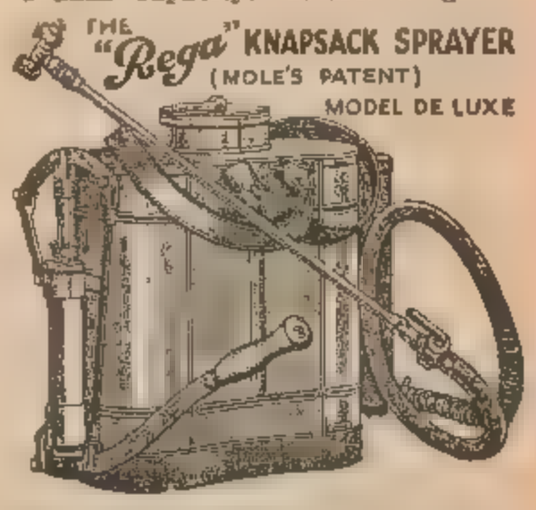
P45.

BRASS ALLOY.

4 Gals. Capacity. 16 lbs. Weight.

For spraying Arsenate of Lead
Lime Sulphur
Liver of Sulphur Preparations
Bordeaux Mixture
Lime and White Washes
Emulsion Oils
Red and White Oils
Cattle, Sheep and Hog Spraying
Tick and Lice Disinfectants
Insecticides, etc.

Lead Coated
For Acid Content Liquids, Arsenate Pentoxide, etc., in addition to above.



PNEUMATIC SPRAYER

P46.

7" x 20" x 3 Galls. Working Capacity, 2 Galls. Weight, 9 lbs.

Brass throughout, substantially made. All joints soldered inside and out. Double locked and rivetted Seams (brass rivets). Top and bottom domed and double seamed in.

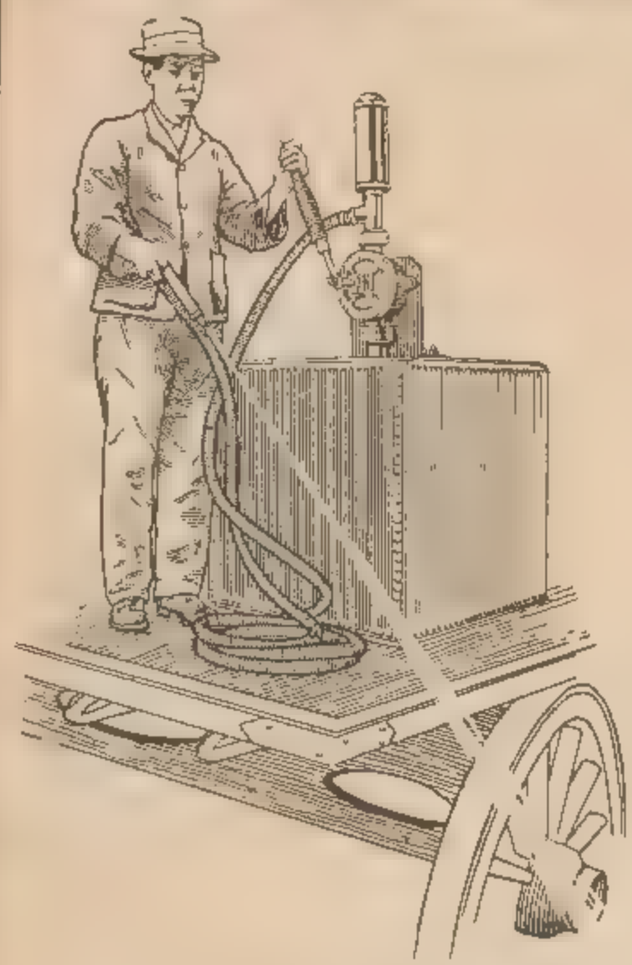
Equipment: 2 feet of ½" x 3 ply Spraying Hose, 6' Brass Director. Auto pop instantaneous cut-off valve Nozzle: The "Rega" Non-Clog Cyclone, with spare discs for fine spray and jet.

GUARANTEED.

NO MORE CARRYING SKIM MILK — INSTAL A DANKS' SKIM MILK PUMP

JOHN DANKS & SON PTY. LTD.

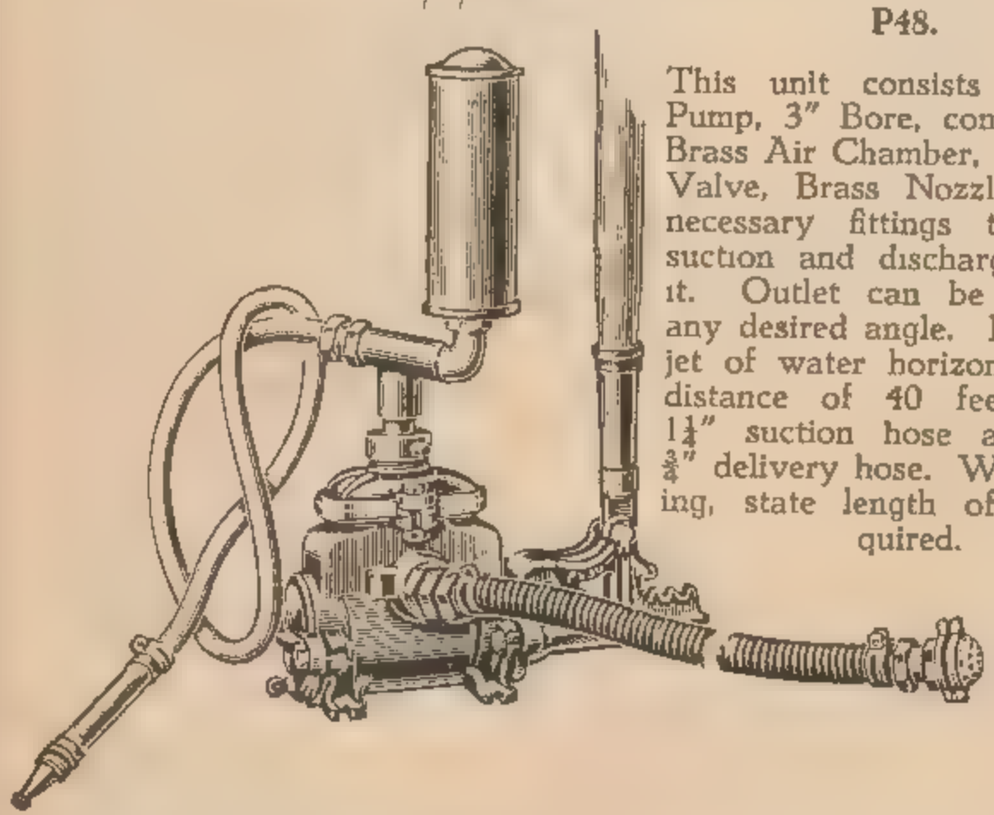
MELBOURNE AND SYDNEY



Bush Fire Fighting Outfit

P47.

A complete plant, including a 100 gallons square Painted Tank, a No. 3 Danks' own make Pump, with Brass Air Chamber, 20 feet best Delivery Hose, and necessary fittings. This Outfit has proved itself very effective for checking Bush Fires. It throws a strong jet of water 30 to 40 feet, and can easily be operated by one man.



Bush Fire Fighting Unit

P48.

This unit consists of a P5 Pump, 3" Bore, complete with Brass Air Chamber, Brass Foot Valve, Brass Nozzle, and all necessary fittings to connect suction and discharge hose to it. Outlet can be placed at any desired angle. It throws a jet of water horizontally to a distance of 40 feet. Takes 1¼" suction hose and 1" or ¾" delivery hose. When ordering, state length of hose required.

The "Rega" Fire - Fighting Outfit

P50.

Inexpensive, yet highly efficient — for dealing with bush and grass fires.

Container, Made from Brass Alloy or Galvanised Iron

"Rega" Flame Thrower

P51.

The Cheapest and Quickest Way to Clear Land of Pests and Noxious Weeds.

A GREAT DESTRUCTIVE AGENT

This apparatus projects a fierce, devastating flame, through which travels a fine spray of hot, unburnt oil, consuming stalk, leaf, flower and seed while they are green.

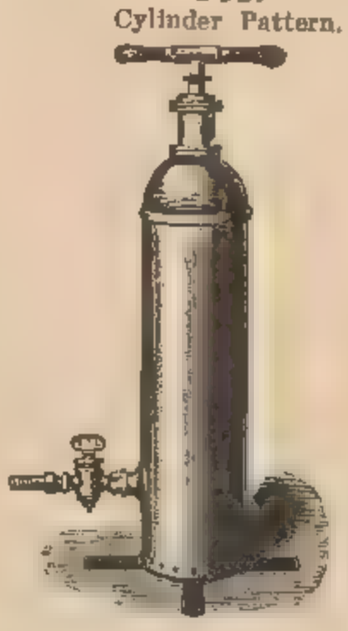
CHEAP TO OPERATE

Shell Fuel Oil is stored at mostly all of the Company's depots. Diesoline or Tractor Distillate can be used, but costs a little more.

Service Cleaning Pump

P52.

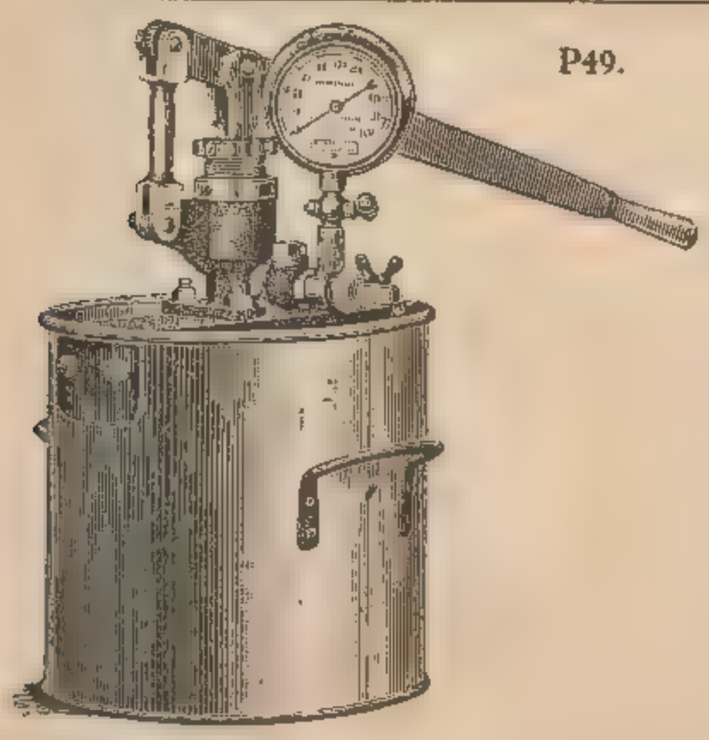
Cylinder Pattern.



Gas Syphon Pumps

P53.

For pumping water from Gas Syphon pots.



P49.

The "Daspyl" Boiler Testing Pump

The "Daspyl" is a very simple and effective pump for testing boilers up to 250 lbs. pressure per sq. inch. The plunger is fitted in a packed gland, with check valves, pressure gauge, and long iron lever, and is mounted on a strong galvanised tank, which makes it the most complete pump of the kind.

It also serves as an auxiliary to a boiler in the shape of a feed pump.

Stock size: 1½". Larger Sizes Made to Order.

DASPYL means QUALITY

DANKS Can Supply a Pump for EVERY PUMPING NEED

Driving Point for Abyssinian Well Boring

P54.

The body is made of galvanised wrought iron tube, and drilled. It is then covered with brass gauze, and jacketed with perforated brass. The octagonal point, which is of solid cast iron, is securely riveted to body, and is sufficiently wide in the shoulder to ensure ample clearance for pipe following.

Sizes stocked: 1¼", 1½" and 2" diameter.

STOP THAT FIRE! — WRITE TO DANKS FOR FIRE FIGHTING APPLIANCES

Cupped Bucket Washers

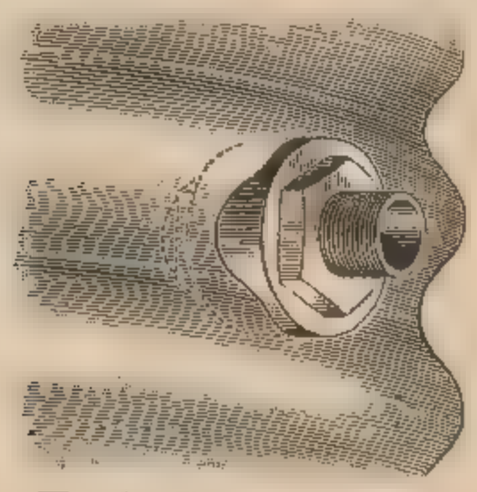
Made of high-grade leather and thoroughly oiled.

P55.—Single Action

P56.—Double Action

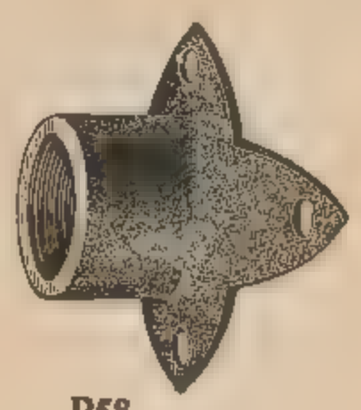
For Cylinders with an inside diameter of 1", 1¼", 1½", 1¾", 2", 2¼", 2½", 2¾", 3", 3¼", 3½", 3¾", 4", 5", 6".
Larger Sizes Stocked.

Full Range of ALL PUMPING NEEDS Carried—Pump Rods, Well Rods, Connections, Guides, Joints, etc.



P57. Tank Connections

Produces a firm and leak-proof connection without use of solder.
Made of Cast Iron, galvanised; complete with two Lock Nuts and Long Screw.
¾", 1", 1¼" 1½", 2", 2½", 3", 4".



P58. Tank Washer

Brass. Ready to Solder and Rivet in place.
¾", 1".

BRASS SOCKET COUPLINGS FOR WELL RODS

P59.—ORDINARY PATTERN

Gas Thread Sizes: ¼", ⅜", ½", ¾"
Whitworth Thread Sizes: ⅜", 7/16", ½", ⅝", ¾", ⅞".

P60.—REDUCING PATTERN

Gas Thread Sizes: ⅜" Gas x ¼" Gas; ½" Gas x ¼" Gas; ½" Gas x ⅜" Gas; ¾" Gas x ½" Gas.

Whitworth Thread Sizes:

¼" x 7/16"	½" x ⅜"	⅝" x ½"
⅜" x 7/16"	⅝" x ½"	¾" x ½"
⅜" x ⅝"	⅞" x ⅝"	1" x ⅞"

Gas Thread and Whitworth Thread Sizes:

Gas Whit.	Gas Whit.	Gas Whit.
¼" x ⅜"	¼" x ½"	¼" x ⅝"
⅜" x ⅜"	⅜" x ½"	⅜" x ⅝"
½" x ½"	½" x ⅝"	½" x ¾"
½" x ⅞"	¾" x ⅝"	¾" x ⅞"

Clamps for Supporting Pipes in Wells or Bores

P65.
Cast Iron
Light Pattern.
1¼", 1½", 2".

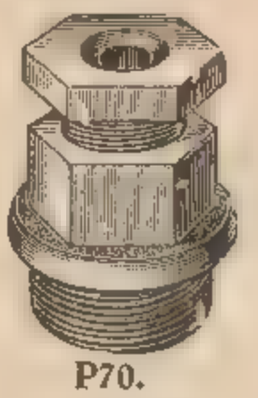
P66.
Cast Iron
Heavy Pattern. Square Opening.
1¼" up to 4".

BILLABONG
FOOT VALVES and AIR CHAMBERS

P67.

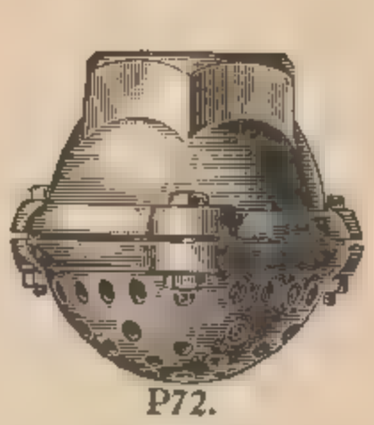
P68.

P69.



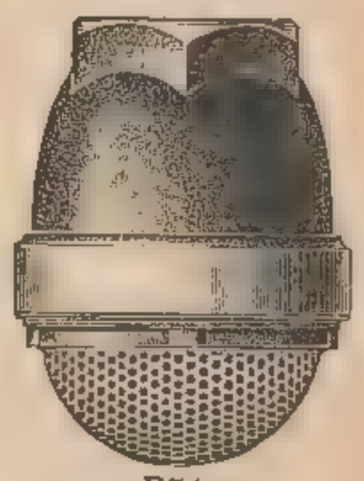
P70.

P71.



P72.

P73.



P74.

P75.

P67.—AIR CHAMBER. Cast Iron Dome. Screwed 1½" and 2" Iron Pipe (Male). With or without T-piece.

P68.—AIR CHAMBER. Cast Iron Top Discharge. Screwed Top and Bottom. 1½" and 2" pipes. Drilled for Tap at Side, at extra cost, if desired.

P69.—All Brass AIR CHAMBER. 1", 1¼". Screwed Iron Pipe. Thread.

P70.—Brass STUFFING BOX and Gland. 1¼", 1½", 2".

P74.—Combined FOOT VALVE and Strainer. Brass. 1", 1¼", 1½", 2", 2½", 3".

P71.—Brass FOOT VALVE and Strainer, to fit inside Bore Casing. With Tumbler Valve. 1", 1¼", 1½", 2", 2½", 3", 1¼", 1½" and 2" sizes can be supplied with Ball Valve.

P72.—Combined FOOT VALVE and Strainer. Cast Iron, Galvanised. ¾", 1", 1¼", 1½", 2", 2½", 3", 4". Also available in All Brass. Sizes: 1", 1¼", 1½", 2".

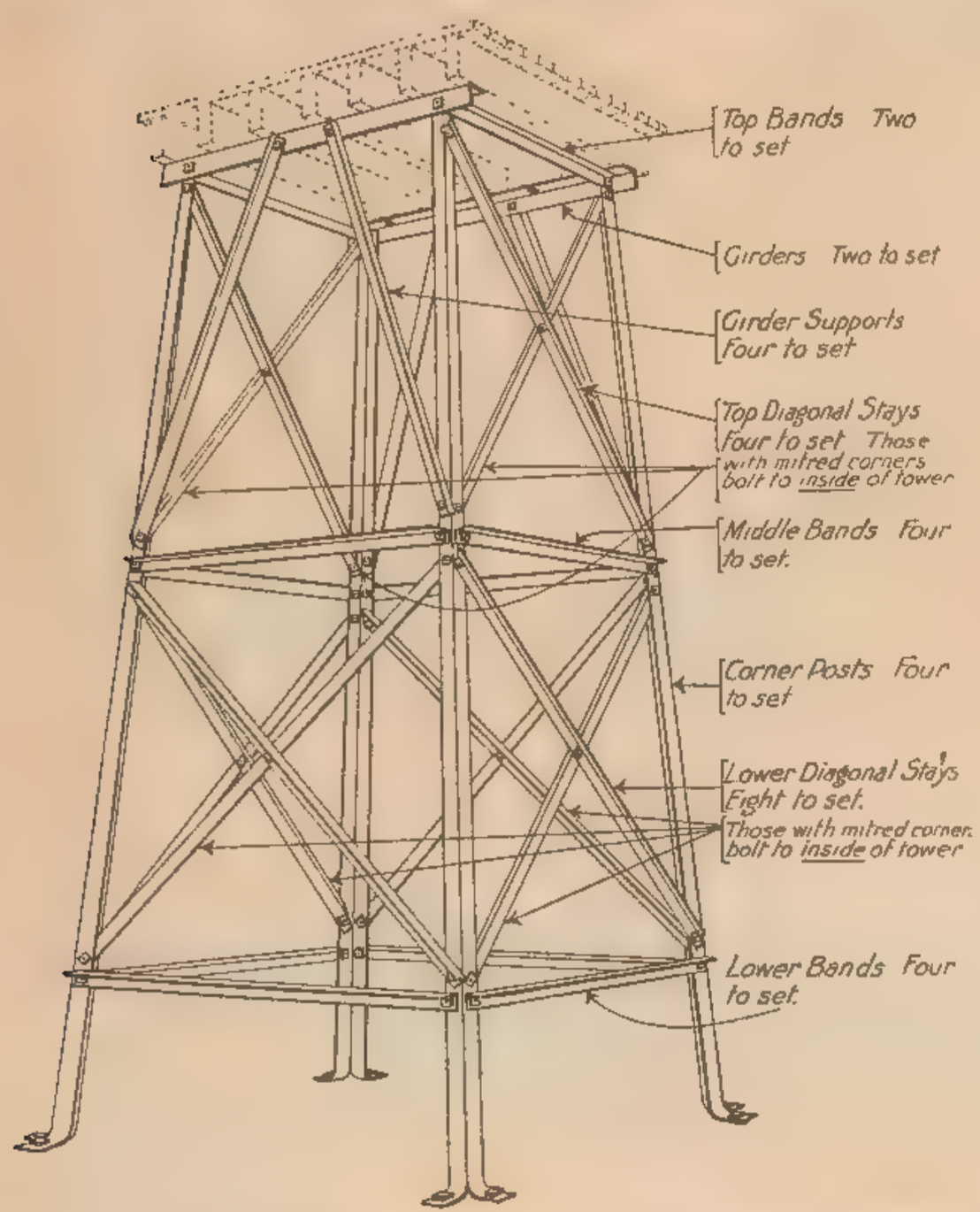
P73.—FOOT VALVE and Strainer. As used with Centrifugal Pumps, etc. Cast Iron, Flanged. 1½", 2", 2½", 3", 4", 5", 6".

P75.—Brass CHECK VALVE. Leather face. 1¼", 1½", 2".

WE CARRY THE LARGEST RANGE OF PUMP FITTINGS IN THE TRADE

BILLABONG STEEL TANK STANDS

CONSTRUCTIONAL DETAILS



BILLABONG GALVANISED STEEL FLUMING

P76.

Better than earth channels which waste water by soakage or fall in and choke. In various styles.

Light, Strong, Movable.

Write for particulars!

GALVANISED WATER TANKS

We manufacture Corrugated Iron Tanks from 100 up to 2000 gallons' capacity, and also supply the material all ready to make Tanks ranging up to 10,000 gallons' capacity.

Full particulars in reference to Gauge of Iron, Capacities and Prices will be sent on application.

The DANKS Bush Shower

P77.

An Ideal Unit for a Hot or Cold Shower Bath.

The Bush Shower consists of a Strong Semi-Rotary Pump, Check Valve, Galvanised Pipe and Fittings, Shower Head and length of Hose. It is sent out all ready for putting together, and can be erected in 10 minutes

—

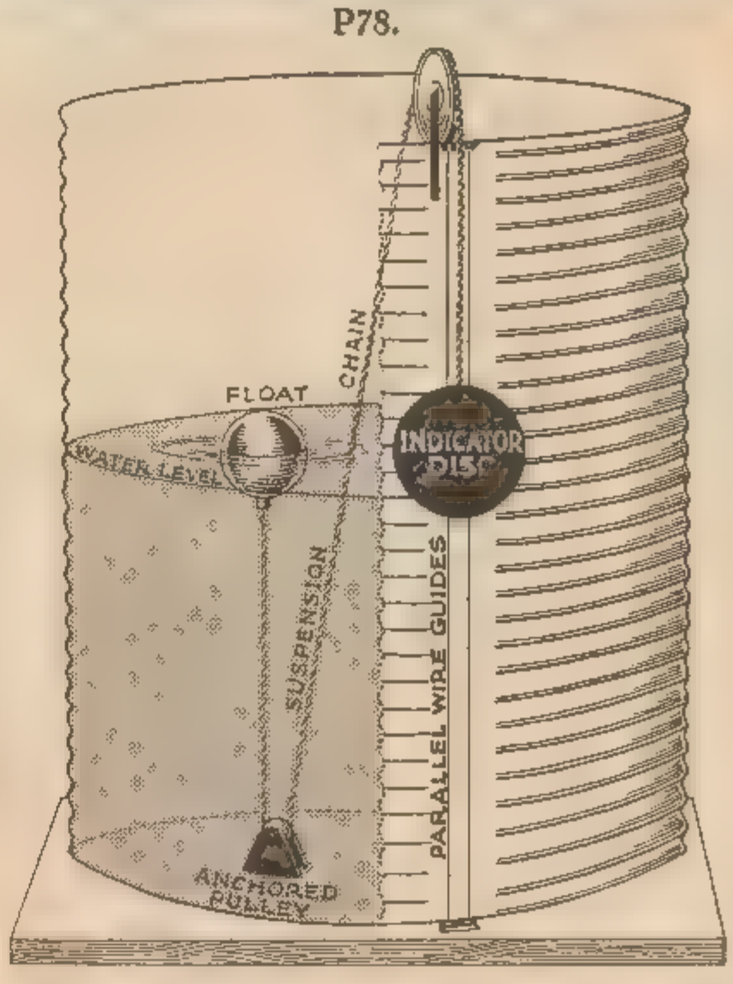
APROXIMATE WEIGHT, 17 lbs.

—

As Good as an Extra Bathroom!

BILLABONG TANK INDICATOR

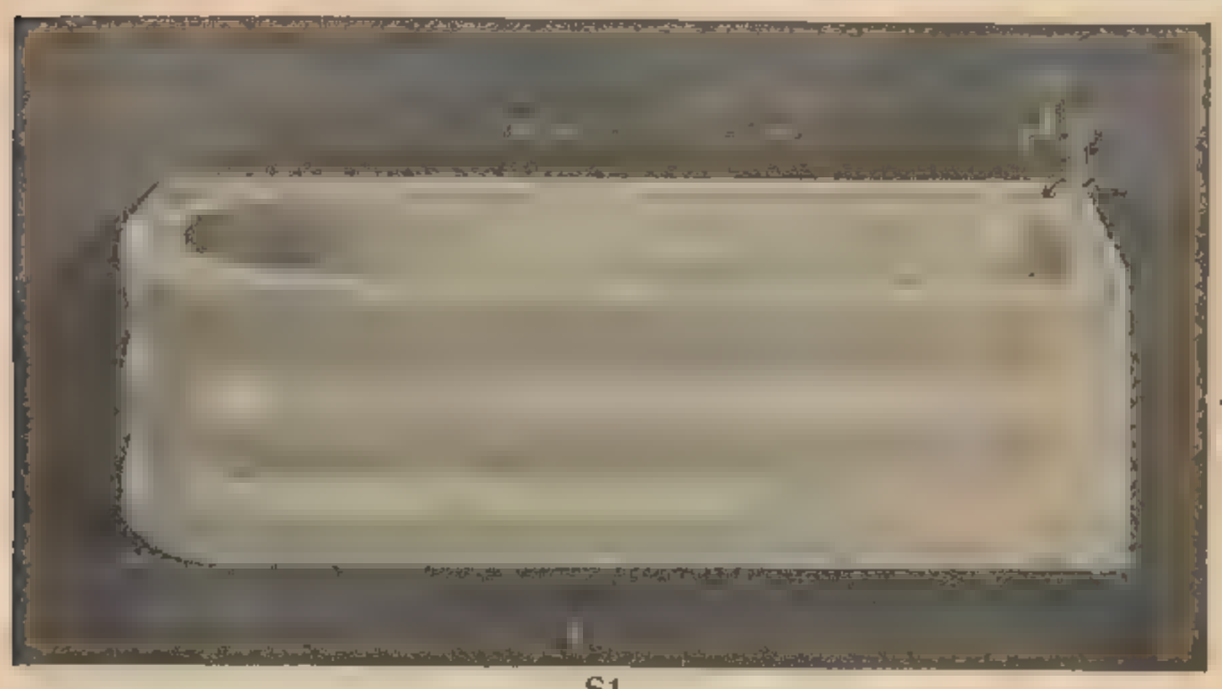
P78.



Saves Time! Nothing to Go Wrong!
Easily Fitted!

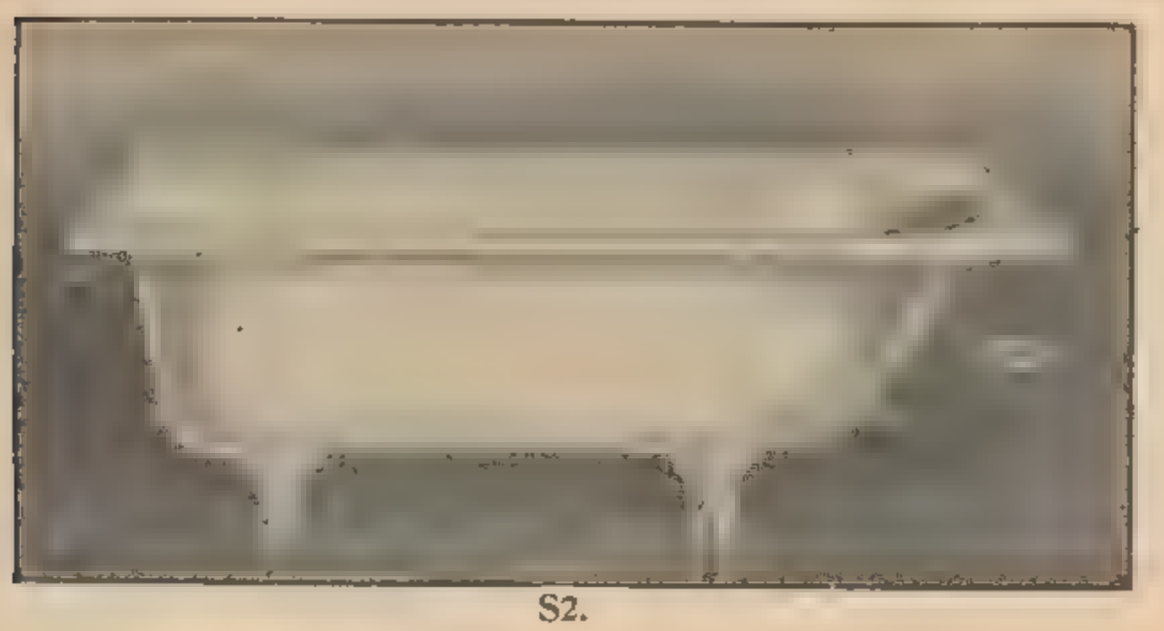
NO WHITE ANTS IN OUR TANK STANDS

PORCELAIN Enamelled Cast-Iron Baths



S1.

Flanged Baths . . .

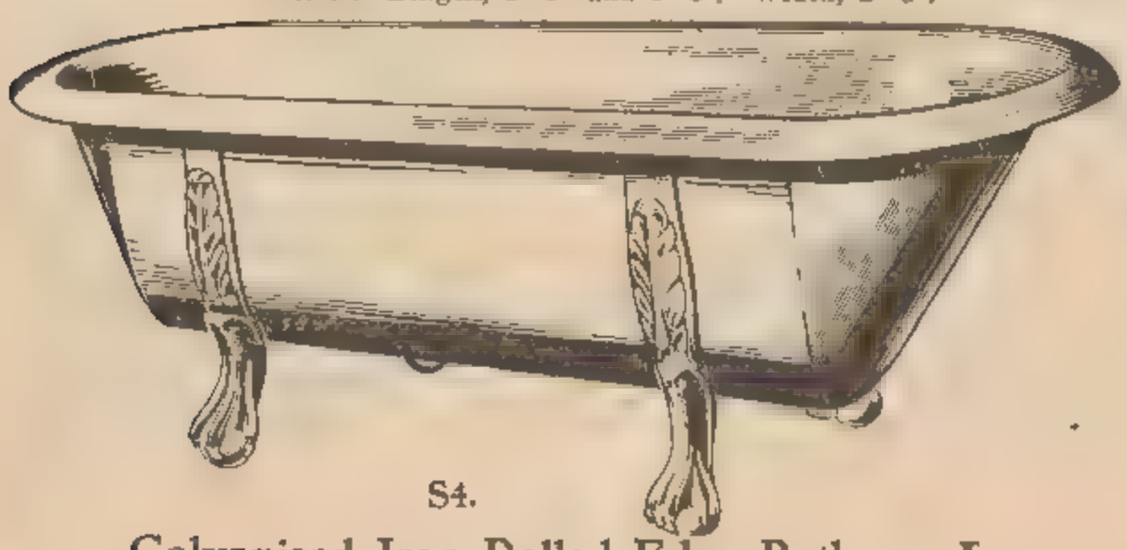


S2.

S3.

Bath with 3" Roll Edge.

Approximate Sizes overall:
3 R 11: Length, 5', 5' 6", and 6'. Width, 2' 5½".
4 R 11: Length, 5' 9" and 6' 3". Width, 2' 8".



S4.

Galvanised Iron Rolled Edge Bath, on Legs

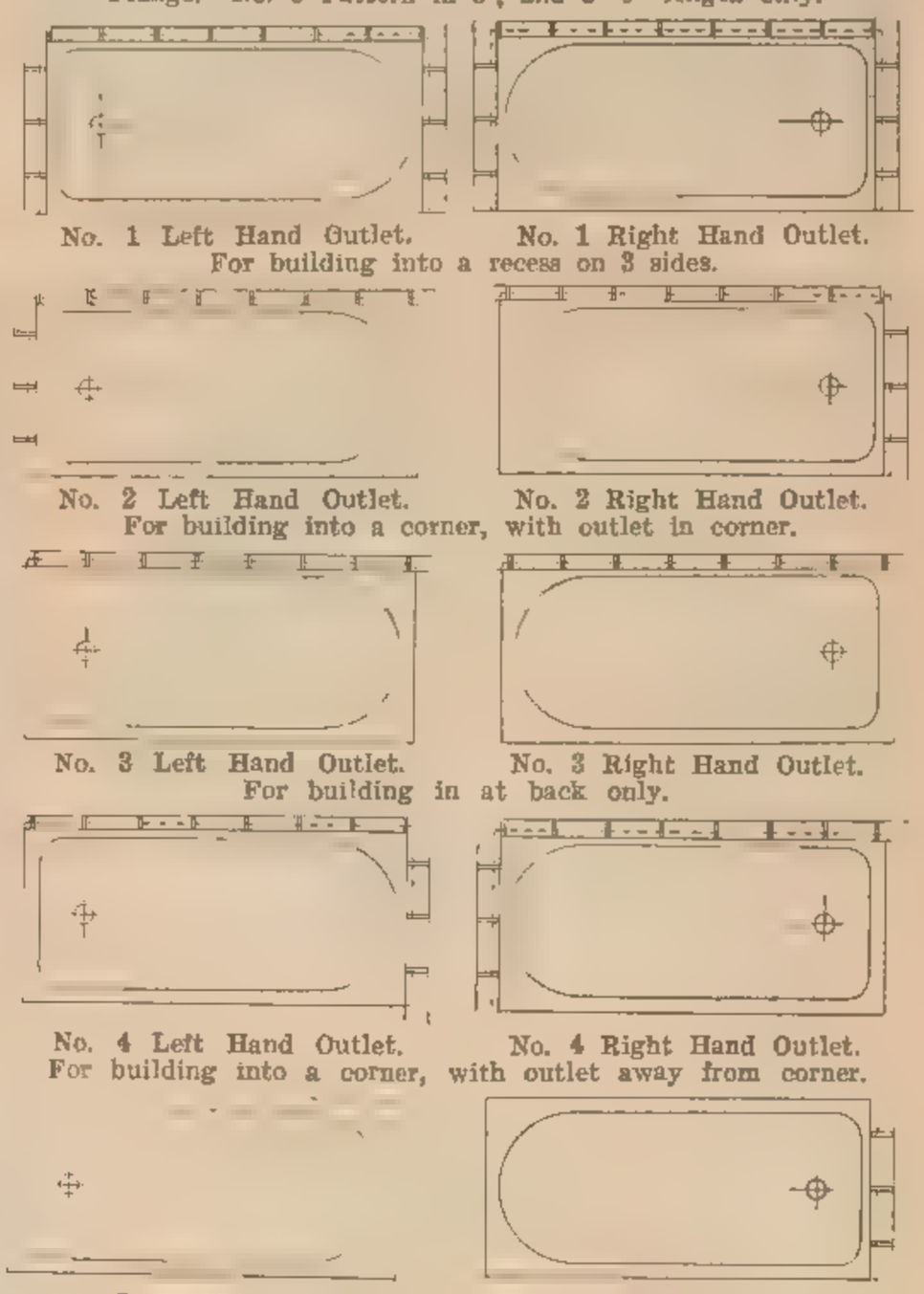
Size: 5' 6" long x 2' 3" wide Stove Enamelled or Unpainted.

PORCELAIN ENAMELLED CAST-IRON APRON-FRONT BATH

For building into a corner. Also available for building into a recess. These Baths have panel and bath cast in one piece. They are flanged for tiling in as shown in illustration, and can be supplied right- or left-hand. Right-hand is illustrated. Approximate sizes overall: Length, 5' 6"; Width, 2' 5½"; Height, 1' 7".

Diagrams Showing Patterns of Flanged Baths

Nos. 1, 2, 3 and 4 Pattern in 5', 5' 6", and 6', with 1" high Flange. No. 5 Pattern in 5', and 5' 6" length only.



No. 1 Left Hand Outlet. No. 1 Right Hand Outlet.
For building into a recess on 3 sides.

No. 2 Left Hand Outlet. No. 2 Right Hand Outlet.
For building into a corner, with outlet in corner.

No. 3 Left Hand Outlet. No. 3 Right Hand Outlet.
For building in at back only.

No. 4 Left Hand Outlet. No. 4 Right Hand Outlet.
For building into a corner, with outlet away from corner.

No. 5 as "Island" Bath. No. 5 built in at one end only.
No. 5 Pattern "Alpha" Bath is also suitable for any of the Positions shown above for Nos. 1, 2, 3 or 4 Pattern Baths

THE WIDTH OF ALL BATHS IS 29½".

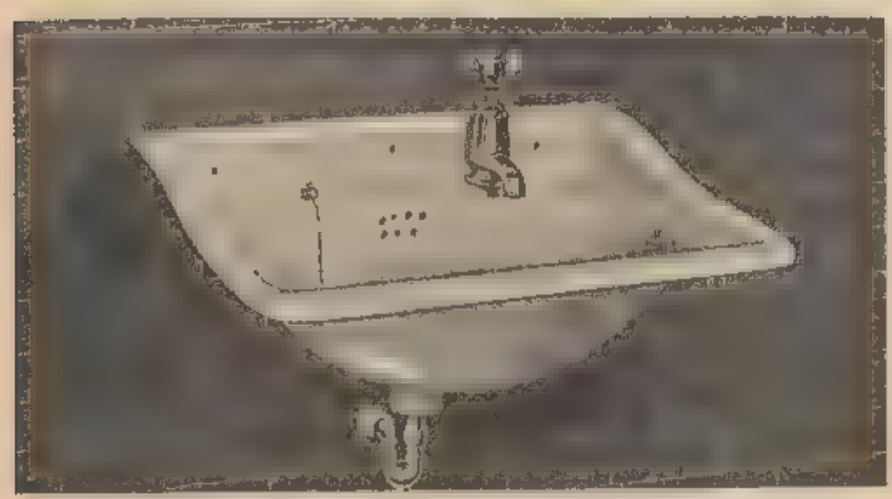
Illustrating No. 5 Standard Flange Bath, set in left-hand position, and "Whitehall" Basin. These Baths can be adapted to any position.

JOHN DANKS & SON PTY. LTD.
MELBOURNE AND SYDNEY

Cast-Iron Porcelain Enamel Pedestal Wall and Angle Basins

Supplied with One or Two Tapholes as required.

All Basins are supplied complete with 1¼" plug and washer, cap and lining chain and stay, and grating where required

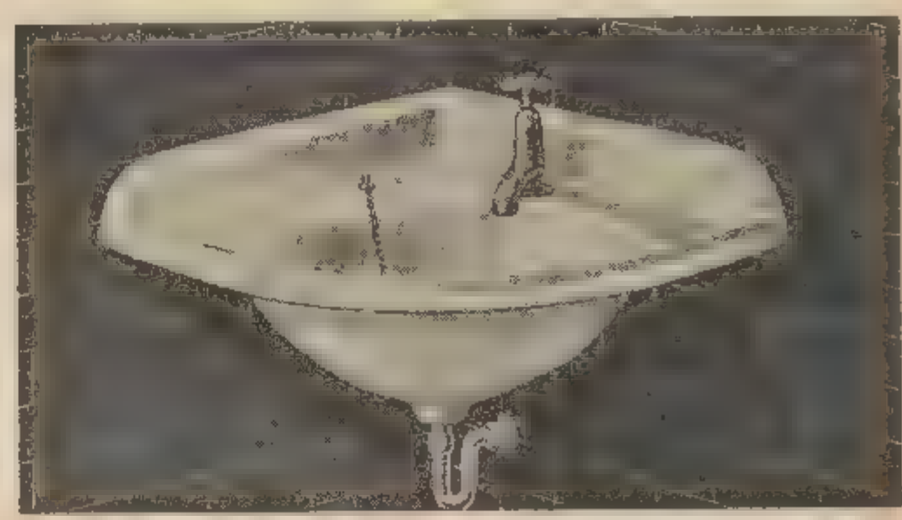


Size: 22" x 16"
Bowl: 15" x 10½"

S5.

Size: 24" x 18"
Bowl: 17" x 12½"

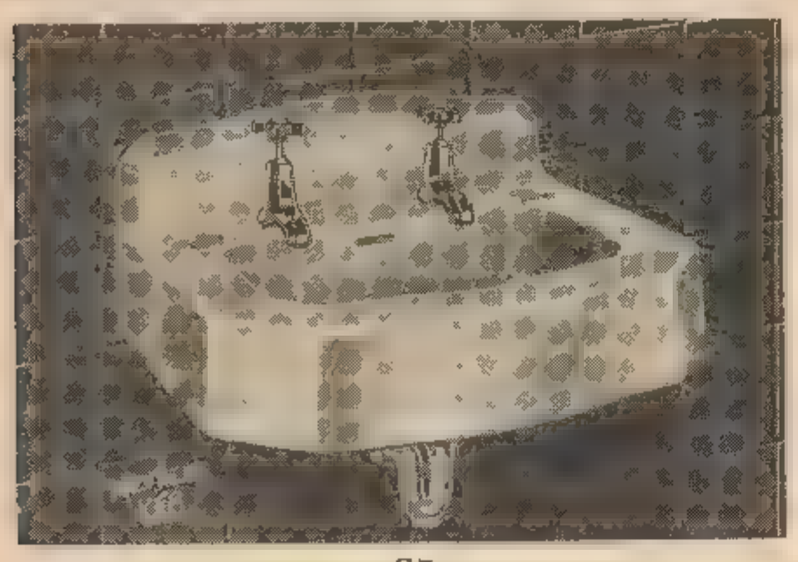
BATHS AND BASINS ARE SUPPLIED IN FIFTEEN BEAUTIFUL COLOURS



Size: 25" x 20"
Bowl: 14" x 10½"

S6.

Size: 20" x 18"
Bowl: 13½" x 9"



S7.

Basin overall: 18½" x 22½". Bowl: 11" x 16" x 6" deep, with Two Tap Holes at 8" centres.

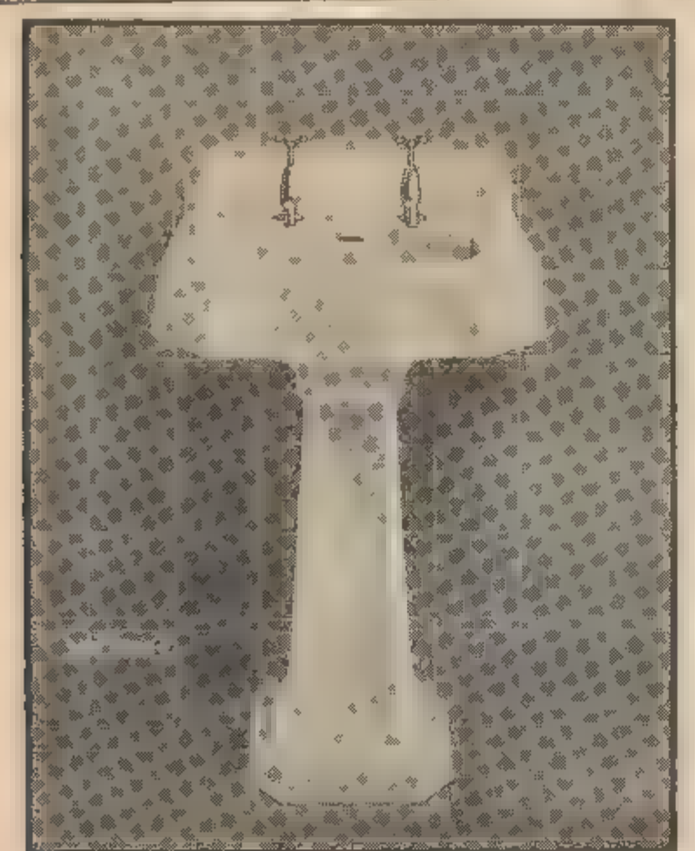
S8.

Top: 24" x 16". Bowl: 15" x 10".

TAPS ARE NOT INCLUDED.

S9.

Top: 24" x 18". Bowl: 15" x 10". Height: 30½".



S10.

Size of Basin: 18¾" x 22½"
Size of Bowl: 11" x 16"
Height from Floor to Rim: 31"

S11.

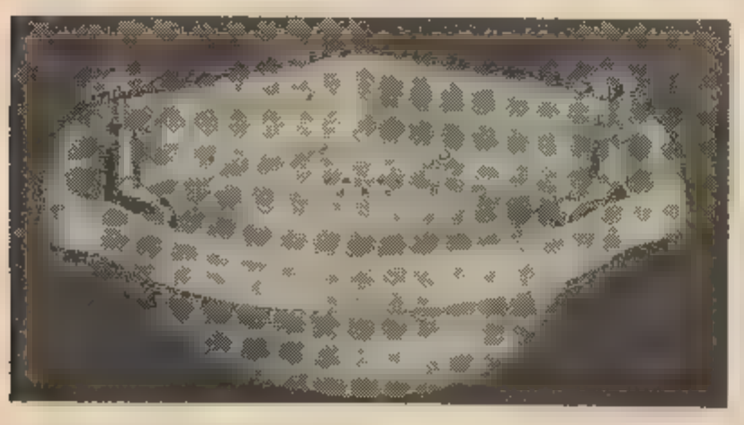
Size of Basin: 21½" x 26". Size of Bowl: 12½" x 16". Height from Floor to Rim: 31¼".

S12.

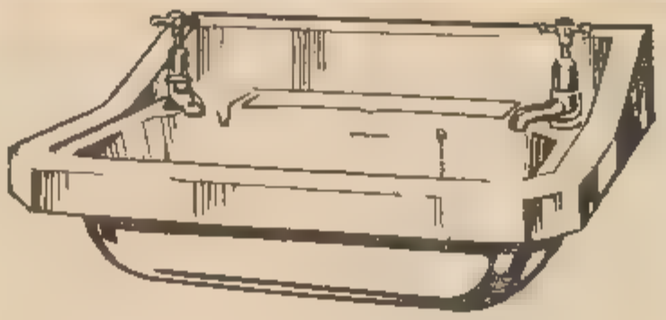
Top: 27½" x 22½". Bowl: 18" x 14". Height: 31".

WHEN YOU THINK OF TILING, THINK OF DANKS

Earthenware Angle and Wall Basins



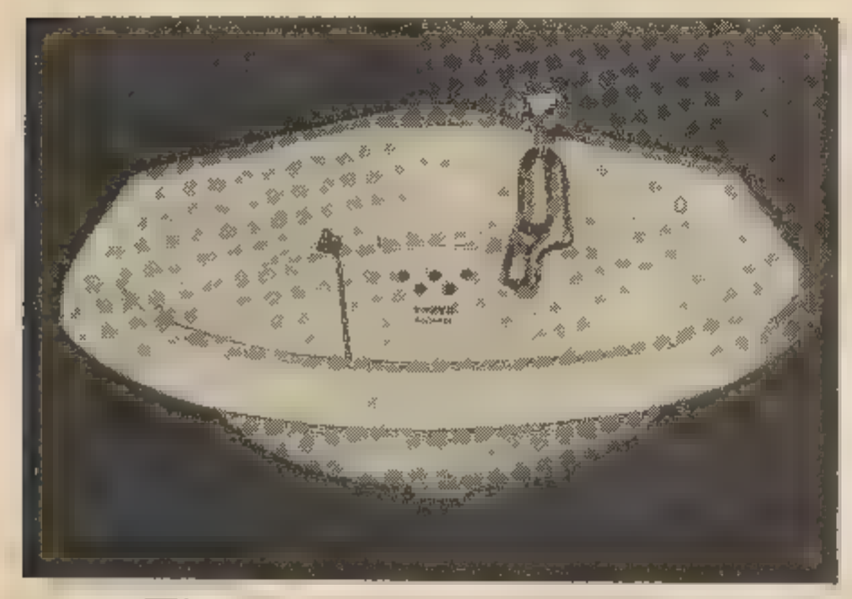
Corner Basin, Round Front, Circular
S13. Bowl, with Screw Holes
Approximate Overall Measurements: 21" x 21".
Approximate Diameter Bowl: 14".



S17.
Patent Invisible Bracket.
27" x 19"
25" x 18"
22" x 16"
20" x 16"

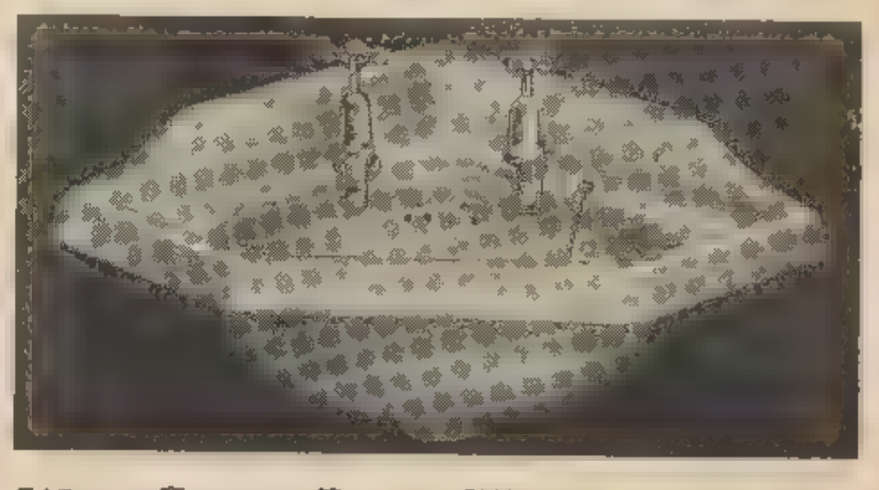
Elitex

S18.
Flat Back Basin, with Circular Bowl
Approximate Overall Measurements: 16" x 16"
Approximate Bowl Diameter: 12½".



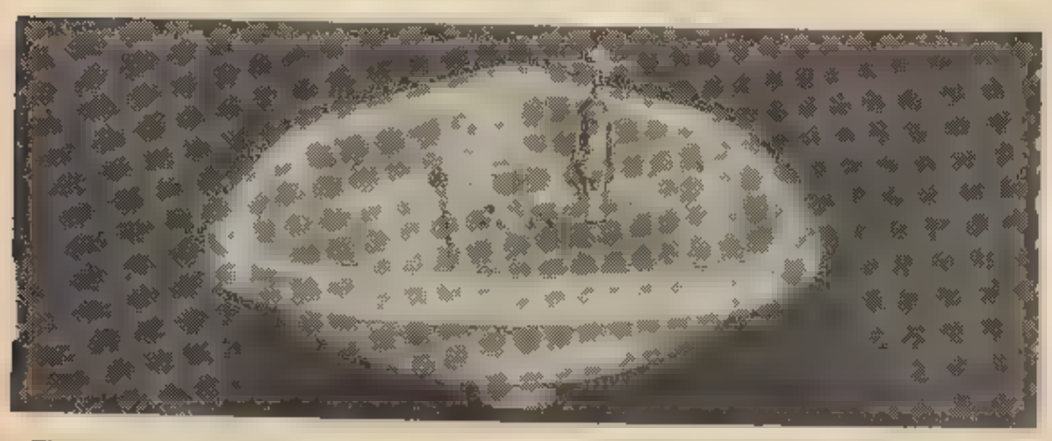
S14. The "Tweed" Corner Wall Basin
With One or Two Tap Holes
Approximate Overall Measurements: 20" x 18".
Approximate Bowl Measurements: 14½" x 10".

WE STOCK A LARGE RANGE OF TILES IN COLOURS AND TYPES TO SUIT MODERN BATHROOM EQUIPMENT



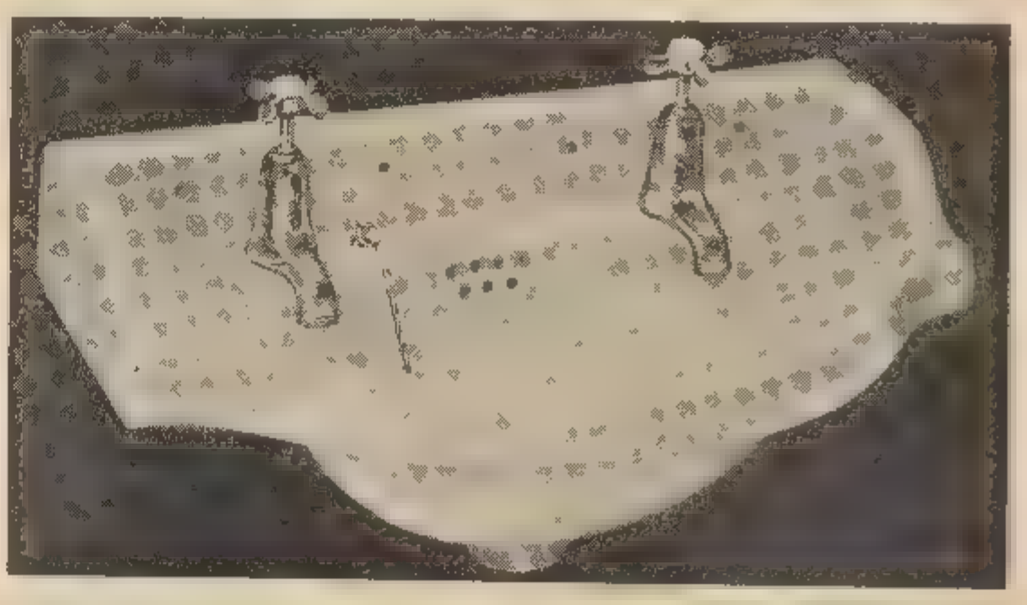
S19. Corner Basin, Mitre Front

Approximate Overall Measurements	Approximate Bowl Measurements
27" x 20"	14" x 10½"
Without screw holes, soaps at corners:	
25" x 19"	15½" x 10
With screw holes:	
20" x 18"	14½" x 10"



Corner Basin, Round Front, with Screw Holes
With One or Two Tap Holes
S15. Approximate Overall Measurements: 20" x 18".
Approximate Bowl Measurements 14½" x 10".

Submit Your Tiling Problems to Us for a Satisfactory Solution



Flat Back Basin, Shaped Front, with Screw Holes

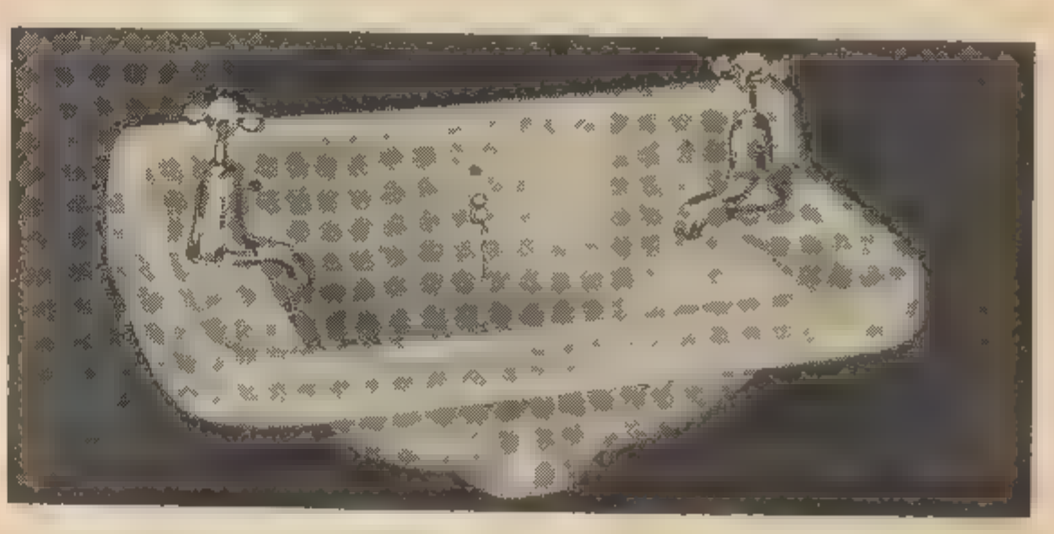
Approximate Overall Measurements		Approximate Bowl Measurements
26" x 15½"	S20.	16" x 11"
22" x 12"		14" x 8"

S16. Flat Back, Square or Round Front Basin

Approximate Overall Measurements	Approximate Bowl Measurements	Approximate Overall Measurements	Approximate Bowl Measurements
27" x 19"	24" x 12"	22" x 16"	19½" x 9"
25" x 18"	22" x 11"	20" x 16"	17½" x 9"

(With or without screw holes)
Basins without screw holes have slots underneath roll for 12" centre pin brackets.

We Have the Knowledge and the Stocks



Flat Back, Square Front Basin, with Overflow at
S21. Front, with Screw Holes
As Illustrated, or with Bevelled Edges.

Approximate Overall Measurements	Approximate Bowl Measurements
22" x 12½"	14" x 10"

BASINS STOCKED FOR EVERY REQUIREMENT

JOHN DANKS & SON PTY. LTD.

MELBOURNE AND SYDNEY

Earthenware Pedestal Basins

S22. "BELLEVUE" OCTAGONAL BASIN ON PEDESTAL
Approximate Overall Measurements: 24" x 20"; 21½" x 18".
Approximate Bowl Measurements: 17½" x 13"; 16" x 12".

A large variety of Coloured Pedestal Basins are carried in stock, all matching perfectly with baths.

Also sizes to suit every bathroom.

Flat top basins are obtainable with centre tap hole to take Neo-Chrome combination basin set.

S24. FLAT BACK BASIN, BEVELLED EDGES
Approximate Overall Measurements: 25" x 18"; 22" x 16".
Approximate Bowl Measurements: 21½" x 10¾"; 19" x 9¾"

S23. PEDESTAL LAVATORY, WITH BACK SKIRTING
Overall: 25" x 18"; Bowl: 20" x 11". Overall: 22" x 16"; Bowl: 19½" x 10".

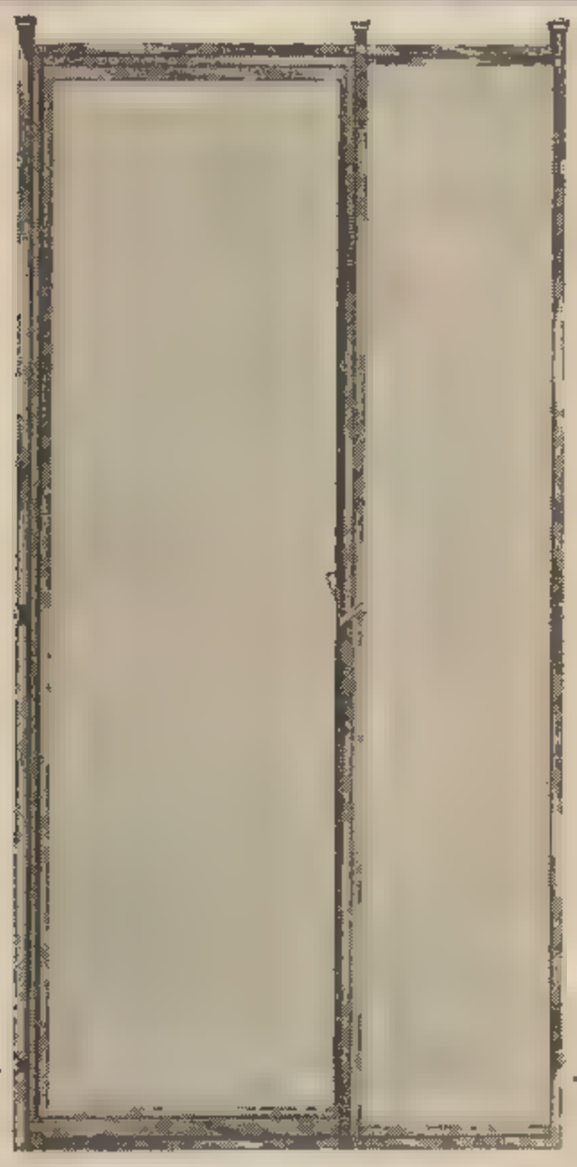
All TILES BATHS and BASINS are Stocked in Colours Blending Perfectly Together

Write for Further Particulars

S25. PEDESTAL LAVATORY, WITH FLAT TOP
Overall: 24" x 20"; Bowl: 18" x 12½". Overall: 20" x 18"; Bowl: 15" x 11".

OUR SELECTION OF TILES IS UNSURPASSED

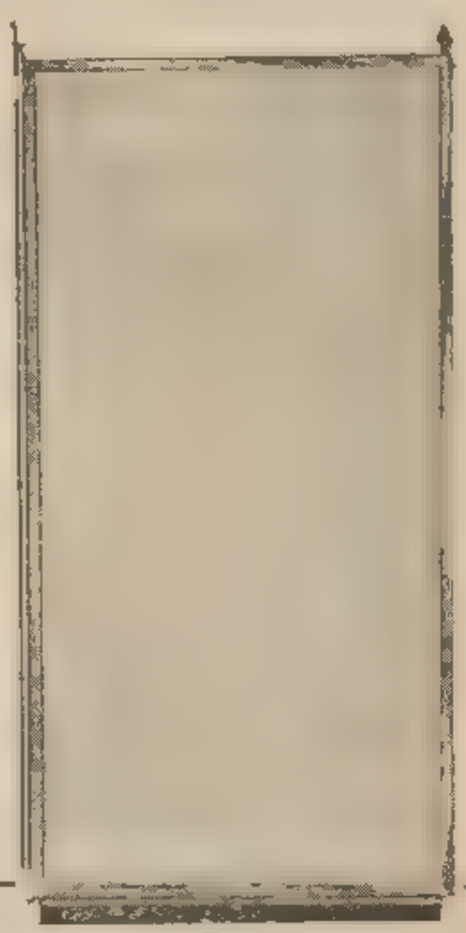
Bath and Shower Screens



Glass Screen Door and Panel. With
S26. Brass Frame heavily Nickelplated.
Sizes: Height, 6 ft.; Total width, 3 ft.
Can also be made in any size to order.

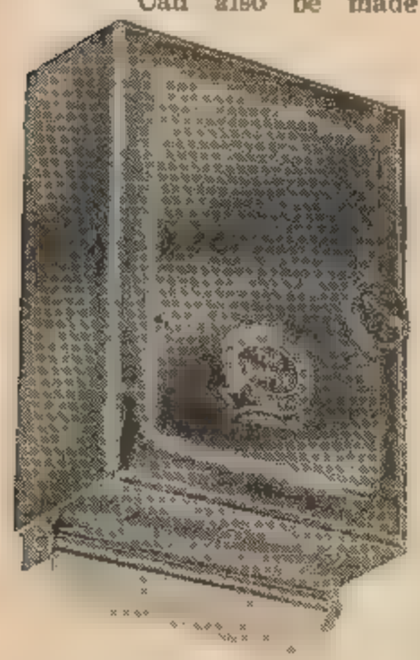
Frames for Glass Screens are made in ¾ in. round and square solid Brass tube, Nickelplated, and Glazed in wire Arctic Glass and wired Georgian Glass.

S27.
Plain Galvanized Iron Bath Screen. Glossy, smooth finish Enamel, easily cleaned and obtainable in White or Colours. Height, 4 ft.; Weight, 32 lbs
Special.—Any model Bath or Shower Screen may be had in extra special Duco. Withstands Acids or Stains

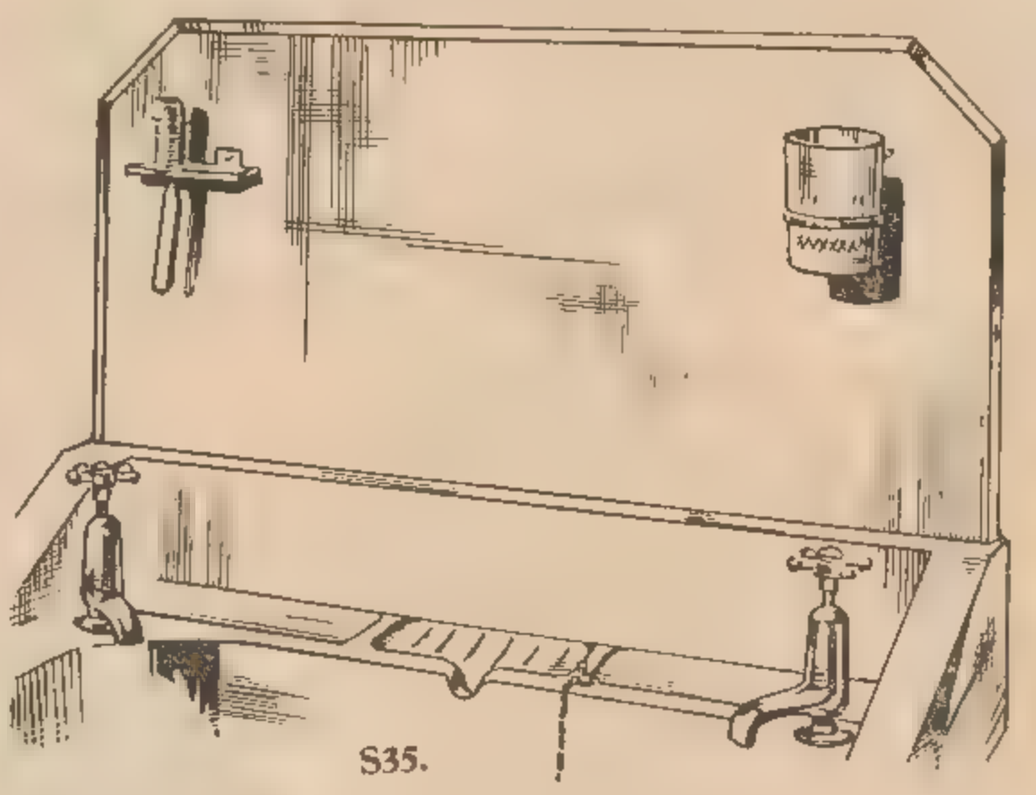


S28.
Light Pattern Glass Screen. With Brass Frame heavily Nickelplated.
Size: 4 ft. 6 in. x 2 ft. 3 in.

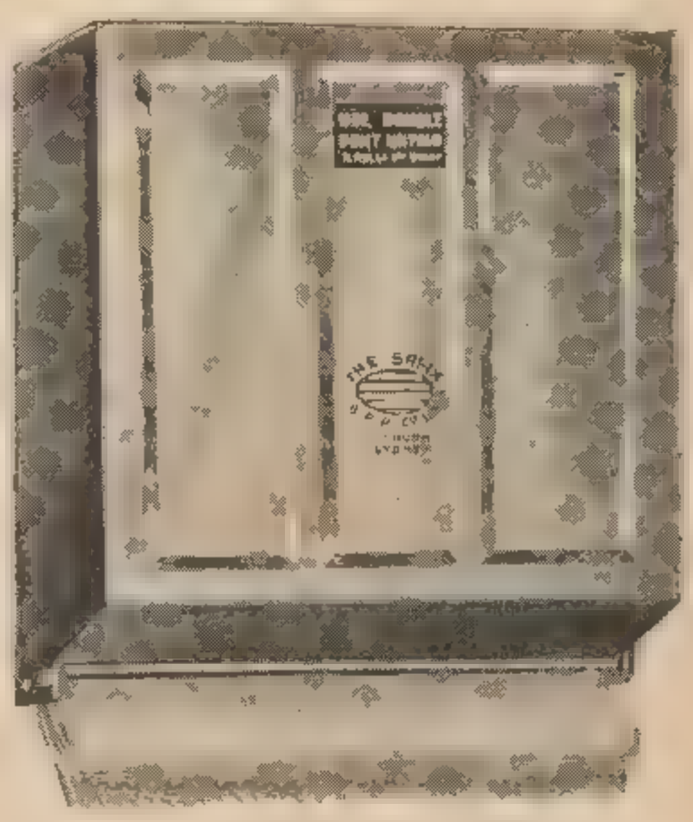
BATHROOM ACCESSORIES - - - - - - Well Worth Your Inspection



S29.
SAFIX TOILET PAPER HOLDER
Delivers two sheets only at a time.



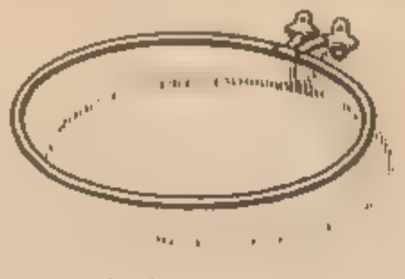
S35.
Porcelain Splash Back with Chrome-plated Toothbrush and Tumbler Holders.
As above, but without Toothbrush and Tumbler Holders.

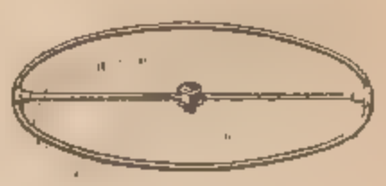


S30.
SAFIX PAPER TOWEL CABINET

We Keep a Full Stock of Various Types of Toilet Paper including Refills for Safix Cabinets

SHOWER CURTAIN RINGS
S36.—(Right)—For attaching to Shower Pipe.
S37.—(Left)—With Bracket for Wall Fixing





WE HAVE A STOCK OF IMPORTED SHOWER CURTAINS IN SPECIALLY TREATED SILK, AND ALSO IN FLEECENAP RUBBER IN MANY PLEASING COLOURS. STOCK SIZES: 72" x 72" AND 72" x 36".

JOHN DANKS & SON PTY. LTD.

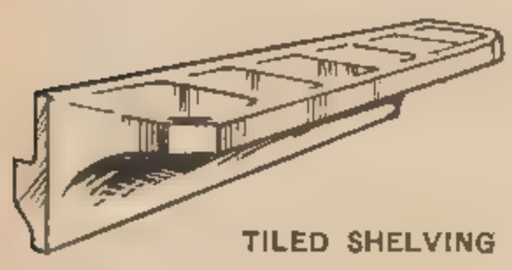
MELBOURNE AND SYDNEY

CHROMIUM PLATED BATHROOM FITTINGS

S38.

1. Round Pillar End Towel Rail.
2 and 3. Swing Towel Rails with 1, 2 or 3 arms.
4. Square Pillar End Towel Rail.
5 and 6. Screw to Wall Type Soap holders.
7. Tumbler Holder.
8. Tumbler and Toothbrush Holder.
9. Tumbler Holder.
10. Toothbrush Holder.
11. Toothbrush Holder.
12. Tumbler and Toothbrush Holder.
13. Plate Glass Shelf and Brackets.
14. Liquid Soap Dispenser.
15. Swivel Jointed Shower Rose
16, 17, 18. Toilet Paper Holders.
19. Towel Hook.
20 and 21. Robe Hooks.

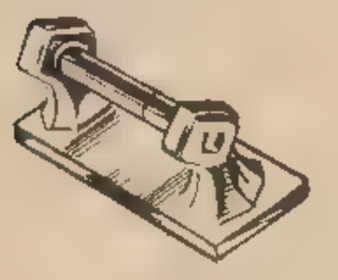
RECESSED TYPE BATHROOM FITTINGS



TILED SHELVING
S39.

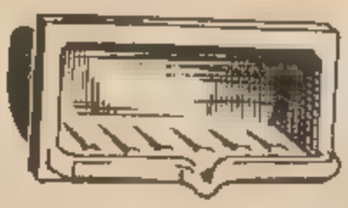
THESE FITTINGS ARE MADE TO SUIT TILE SIZES AND MAY BE HAD TO MATCH TILE COLOURS

SOAP HOLDER
S43.

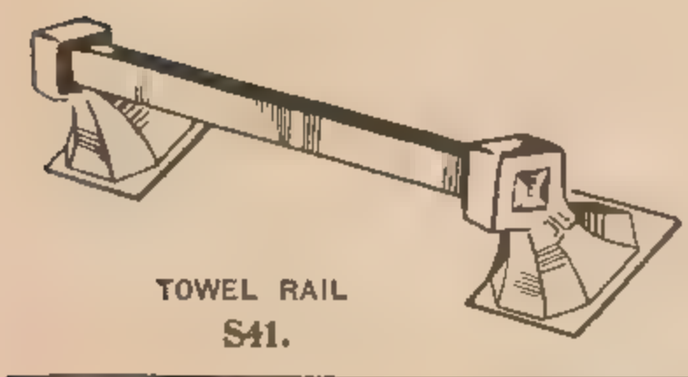


TOILET PAPER HOLDER
S40.

WATER SPOUT FOR BATH
S42.



OBLONG SOAP HOLDER
S44.



TOWEL RAIL
S41.

OBLONG SOAP HOLDER WITH GRIP
S45.

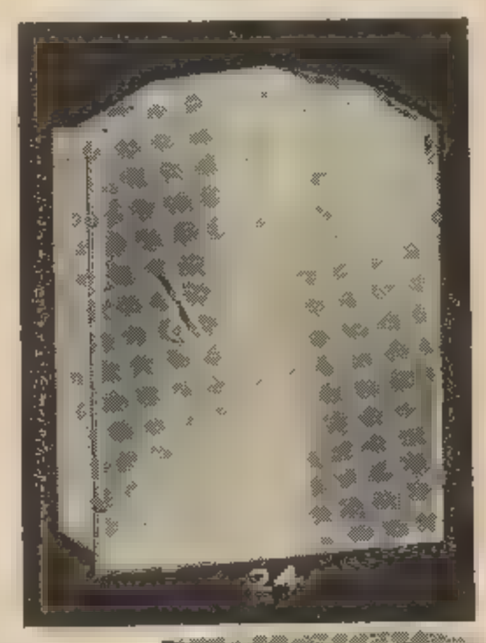
BATHROOM CABINETS

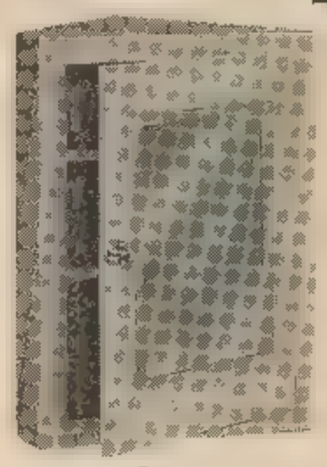
In Wood and White Enamelled Steel

S46.

ALL MIRROR FRONT WOODEN CABINET

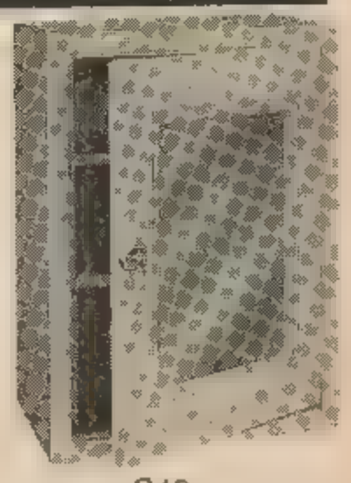
Mirror Sizes
16" x 12"
20" x 14"





S47.

Corner Cabinet, fitted with Bevelled Mirror Sizes:
Small 11" x 7½" x 15" high.
Large–12¾" x 8¾" x 18" high.

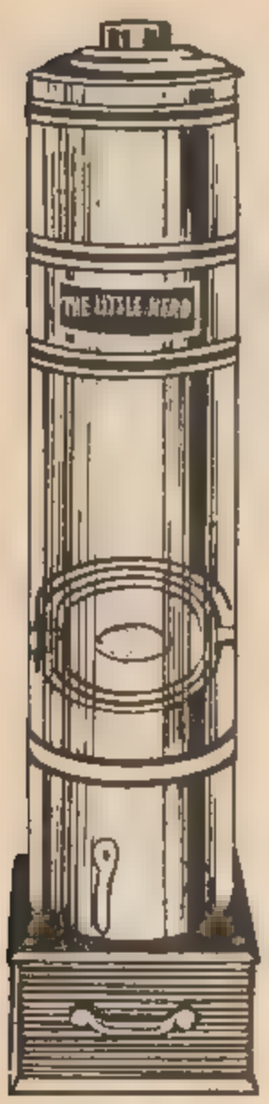


S48.

Square Cabinet, fitted with Bevelled Mirror. Sizes.
Small–11" x 5¾" x 15" high.
Large–12¾" x 7" x 18" high.

WHEN IN TOWN, VISIT OUR SHOWROOMS

A Bath Heater for Every Home



The Little Hero

S49.

A popular fuel type Heater, the inside element of which can be renewed at very small cost. Suitable for either high or low water pressure.

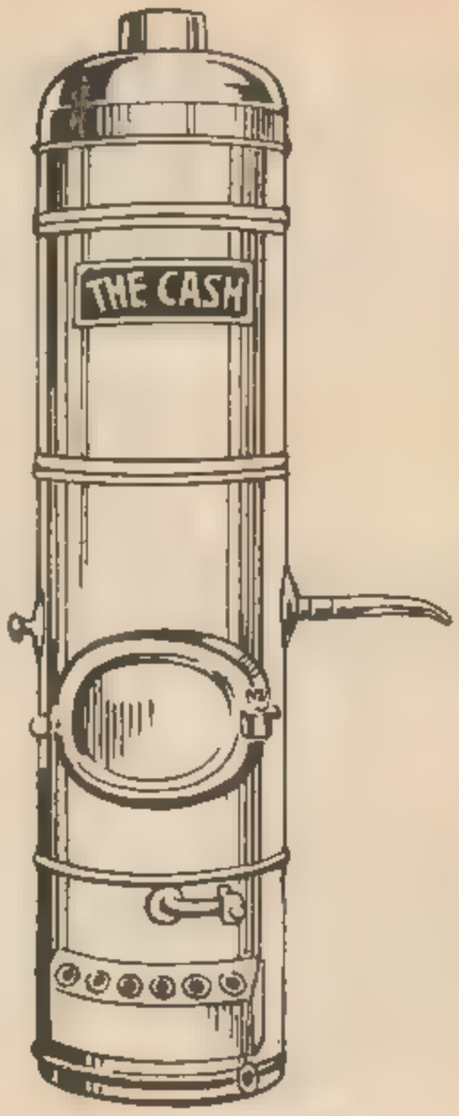
The "Cash"

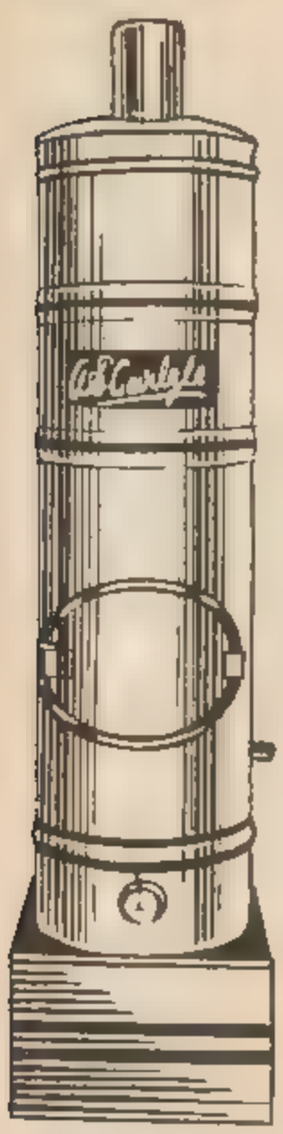
S50.

(At right)

An efficient and economical Gas Bath Heater of modern design. Nickel plated, copper finish or in Chrome Plate. Complete with bracket.

ALL GAS HEATERS STOCKED ARE APPROVED BY NATIONAL GAS ASSOCIATION OF VICTORIA





"Carlyle"

S51.

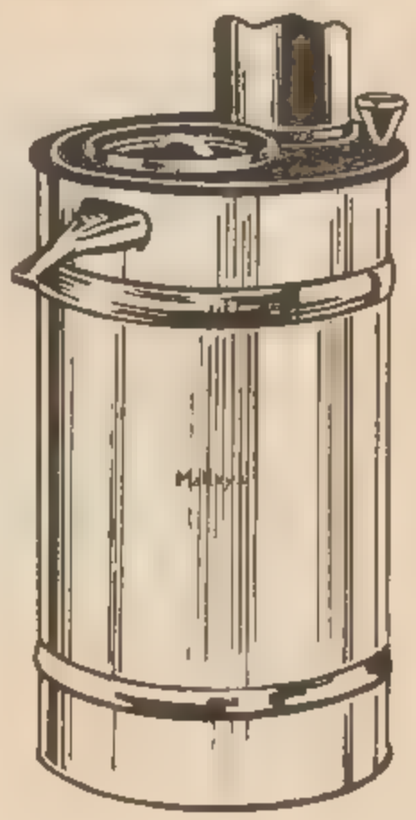
A fuel type Heater, rapid in action. In aluminium sprayed Galvanized Iron or Nickel Plated Copper.

"Malley"

S52.

(Right)

Chip Heater. No installation required. Water runs direct into funnel at top. Very rapid, and ideal for home, farm or dairy.



All Heaters finished in Aluminium Sprayed Galvanized Iron or Nickel Plated Copper

"Cash" Fuel Heater

S53.

(Left)

Fitted with copper and cast aluminium inside water container. In Galvanized Iron, Aluminium, Sprayed or Nickel Plated Copper.

FUEL HEATERS supplied with Tipping Grate, operated by handle in front of Heater.

MIRRORS

BEVELLED PLATE GLASS

Decorate your home in the modern manner . . . with mirrors. Our large selection includes many new and lovely designs. With clear glass or silver, gold, peach, blue or amber.

S58. (Above)
S59. (At Left)

Mirrors are the modern motif in enhancing a room, hall or staircase. We show two designs only from a very wide and varied range, but can supply you with practically any shape or size. Just tell us what you want.

Reflect Your Good Taste with Mirrors.

20th Century Heaters

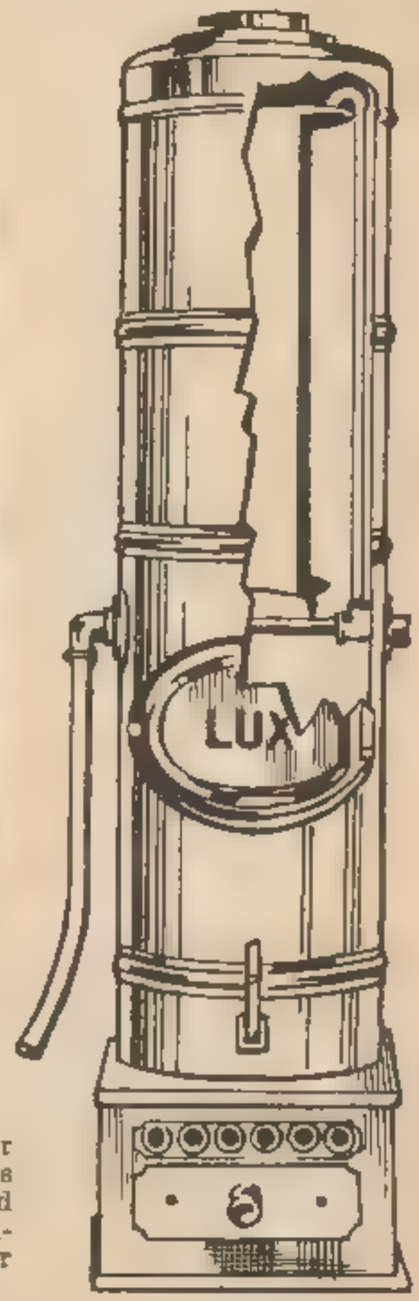
(Right)

Can be fitted with shower. Galvanized Iron or Copper, aluminium sprayed or nickel plated copper

S54. 5 ft 4 ins. high

S55. 4 ft 8 ins.

S56.—4 ft. 2 ins.



The "Lux" Heater

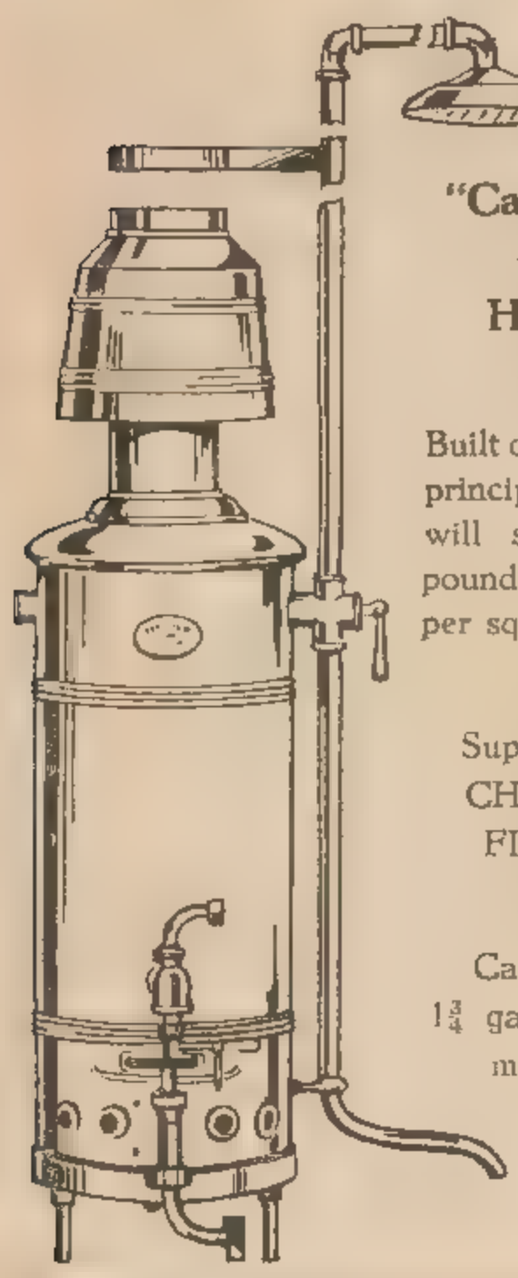
S57.

This fuel type Heater is noted for the extra heavy quality materials used. Large ash-pan eliminates need to empty after every bath. In Galvanized Iron, Aluminium sprayed or Nickel Copper.

Danks' Name Ensures Highest Quality

QUALITY IS OUR WATCHWORD

BATH HEATERS Cont.



"Caulfield" Gas Heater

S60.

Built on the coil principle, which will stand 180 pounds pressure per square inch.

Supplied in CHROME FINISH

—

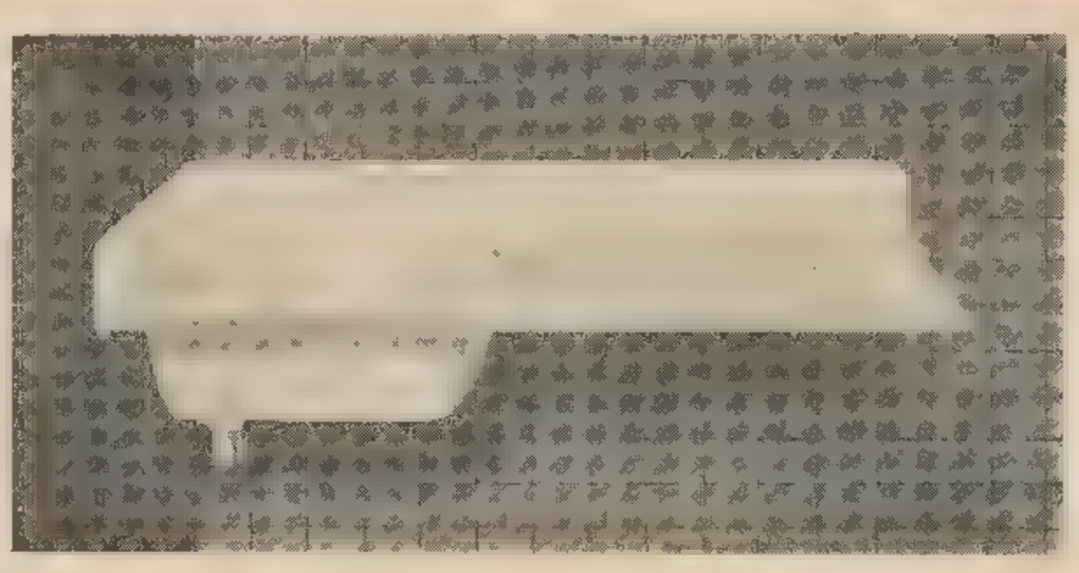
Capacity: $1\frac{3}{4}$ gallons per minute

Cast Iron Porcelain Enamel Sinks

S65.

Made with Sink Left or Right Hand, or in Centre (as illustrated). Overall Sizes: Length, [illegible] Depth, 1′ 6″; Sink, 1′ 6″ x 1′ 2″. Supplied Complete with Nickel plated Plug, Washer, Cap and Lining, and Fixing Strip. Cast-iron "T" Section Wall Brackets or Cantilever Brackets, extra.

COMBINATION SINK AND DRAINER



COMBINATION SINK AND DRAINER

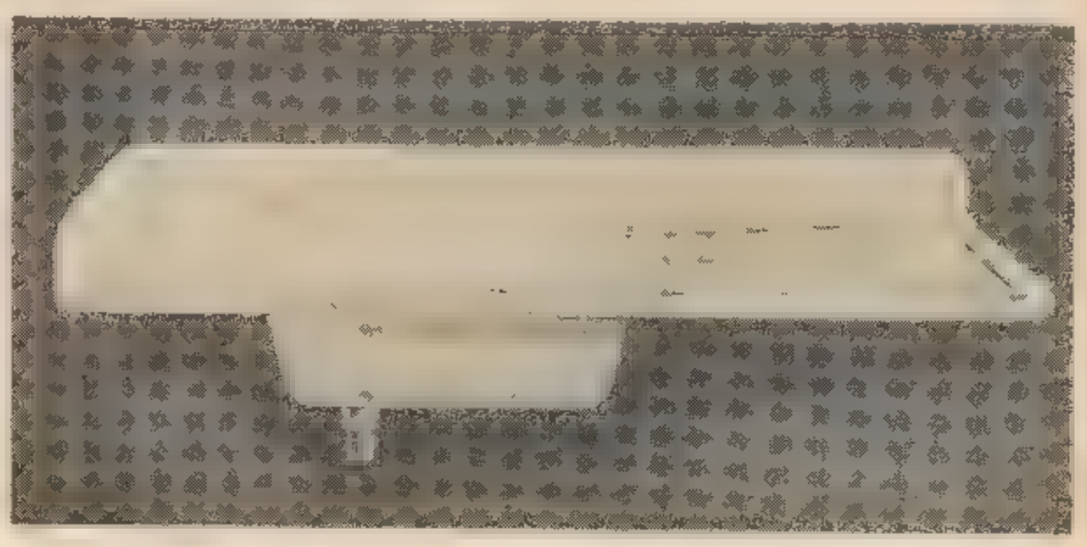
S66.

Made with Sink Left Hand (as illustrated), or Right Hand

Overall Sizes: 3′ 6″ long, 1′ 6″ Deep; Sink, 1′ 6″ x 1′.

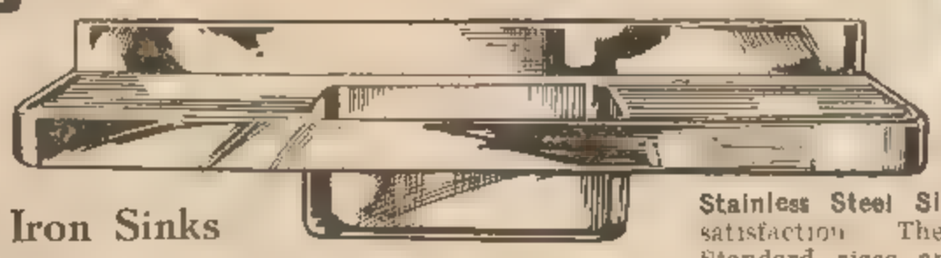
S67.

Made with Sink Left Hand (as illustrated), Right Hand, or with Sink in Centre and Skirting at back only. Left Hand Sink has Left Hand Outlet; Right Hand has Right Hand Outlet; Centre Pattern has Outlet Right Hand. Sizes Overall: Length 4′ $1\frac{1}{4}$″; Depth, 1′ 6″; Sink, 1′ 6″ x 1′.



COMBINATION SINK AND DRAINER

Stainless Steel Sinks and Draining Boards



Cast Iron Sinks

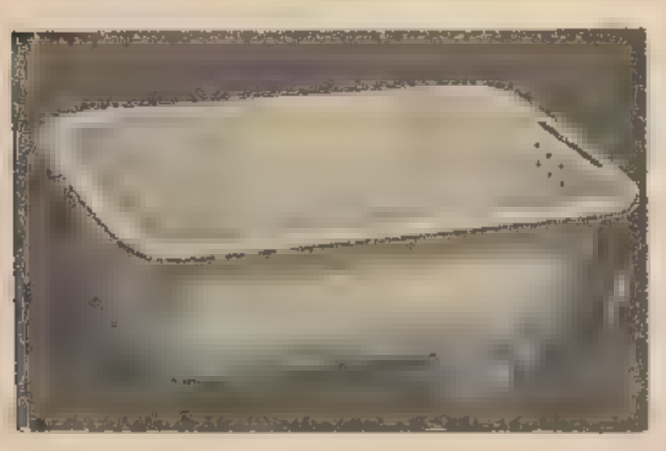
S69.

Size: 14″ wide x 6″ deep x 15″, 18″, 21″, 24″, 27″, 30″ long. Size: 12″ wide x 6″ deep x 15″, 18″ long. With and without overflow.

We also stock three sizes of stamped steel enamelled Sinks, as follows: 15″ x 12″, 18″ x 12″, 21″ x 13″.

S68.

Stainless Steel Sinks are now almost universally used and are giving every satisfaction. They will last a lifetime and retain their bright finish. Standard sizes and designs as Price List, but any size or design can be made to order.



Stainless or Standard, Porcelain Enamel Finishes.

White Enamel Porcelain C.1 Wash Troughs

S70.

These Troughs are made in Single Sections only. Each Trough is complete with Plug, Washer, Cap and Lining, and two Brackets. Can be supplied with Plug at Right or Left end. (Left Hand Plug illustrated.)

Measurements: Length, 4′ $3\frac{1}{2}$″; Width, $15\frac{1}{2}$″; Depth, 6″. Suitable for Industrial Wash Houses, Schools, etc.

SANITARY DRINKING FOUNTAINS

S71.

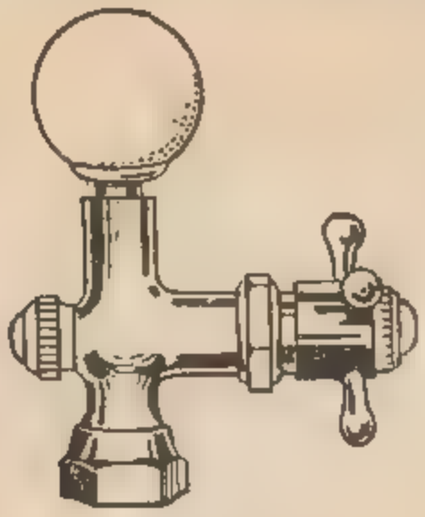
Drinking Fountain, constructed of Cast Iron bowl, finished in Porcelain Enamel, White, and Pedestal obtainable in either White Porcelain or Black Iron finish, and fitted with Bubbling Faucet, with Self-closing Valve, as shown in illustration, and a Galvanised Waste Pipe to floor.

Sanitary Drinking Fountain

S72.

EDUCATION PATTERN

As used in the State schools; has 3" galvanised pipe standard, with C.I. galvanised flange for bolting to floor or ground, C.I. galvanised bowl, with Nickel-plated, Self-closing Valve and Metal Drinking Head. Can also be supplied with Side Discharge Head at extra cost.



Sanitary Drinking Faucet

S73.

With Metal Drinking Head and Self-closing Valve, fitted with concealed Regulating Screw. Nickel-plated Finish throughout. Also supplied with Slant Stream Head and Guard. Screwed ½" Iron Pipe Size, and can be attached to any Pedestal or Pipe Standard

Sanitary Drinking Fountain

S74.

WALL TYPE

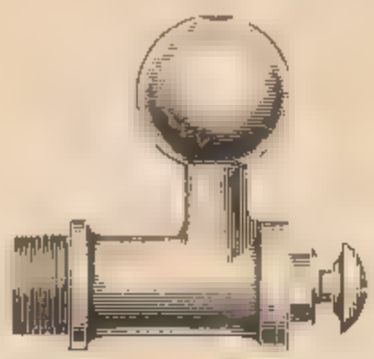
Heavy White Porcelain Enamelled Cast Iron, with Oval Bowl fitted with Faucet with concealed Regulator and Slant Stream Head, with Guard and Dome Outlet Grating to Waste. Over-all size, 10½" x 16" projection.

S75.

Constructed of Cast Iron with Pillar Painted Black and Bowl finished in Porcelain. Enamelled White. Fitted with our Faucet, with concealed Regulator and Slant Stream Head with Guard. Height, 30"; Size of Bowl, 16½" x 14½".

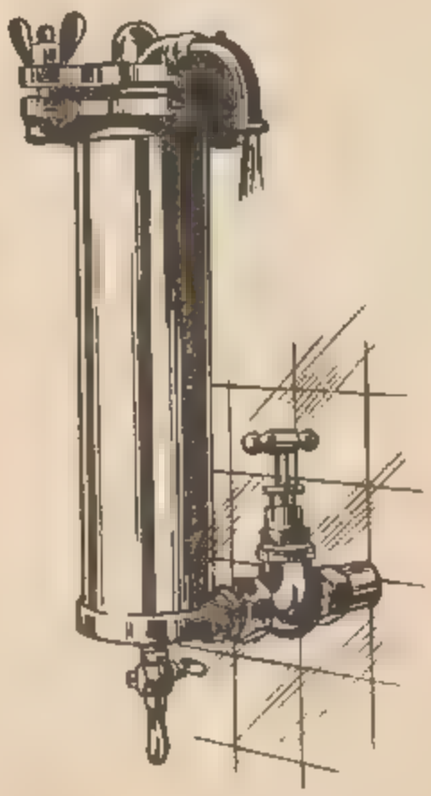
Sanitary Drinking Faucet

S76.



Press Button, Right Angle Drinking Faucet. Nickel-plated Finish. Screwed for ¾" Gas Thread, and can also be supplied with Guard

"COO-EE" PRESSURE FILTERS



S77.

PRESSURE FILTER (Right). "Coo-ee," household size. Connects to tap by means of rubber connection or screw attachment. Made throughout of brass, and heavily nickel-plated. Nothing to rust. Few parts. Easily cleaned. Capacity, 15 gals. per hour approx., with water pressure of 68 lbs. When ordering, please give size of tap

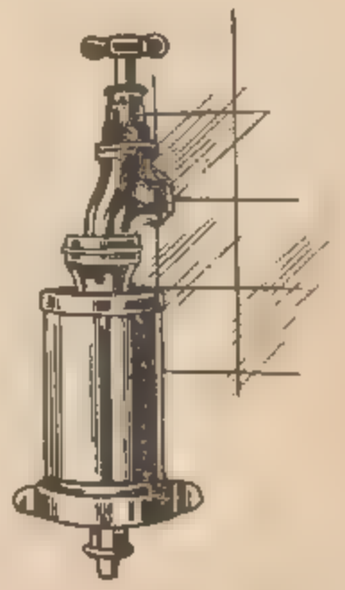
S78.

RAPID PRESSURE FILTER (Left), larger size, for use in Clubs, Hotels, Restaurants, Public Buildings, Schools, etc. Capacity, 40 gals. per hour approx., at 68 lbs. water pressure.

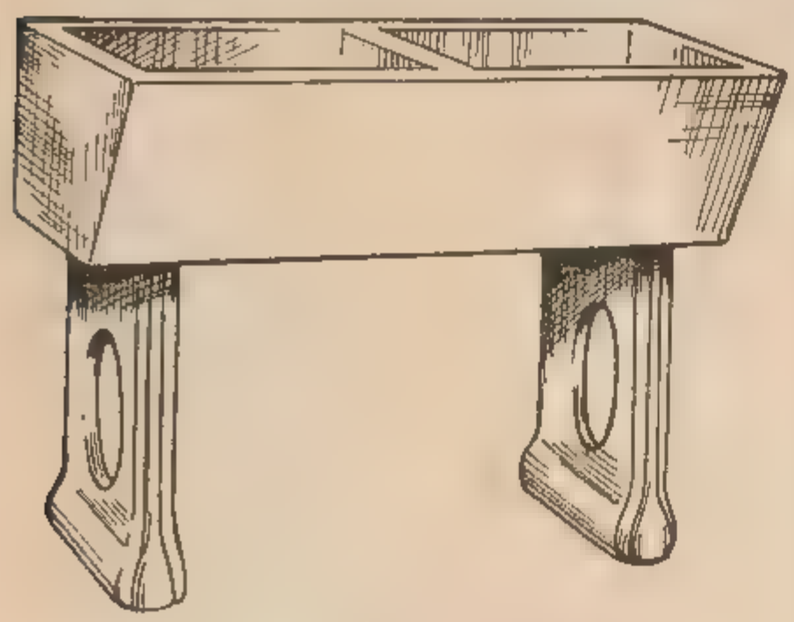
Extra Candles may be obtained for both Household and Rapid Filters.

Pressure Filter Candles

S79. S80.



CEMENT WASH TROUGHS



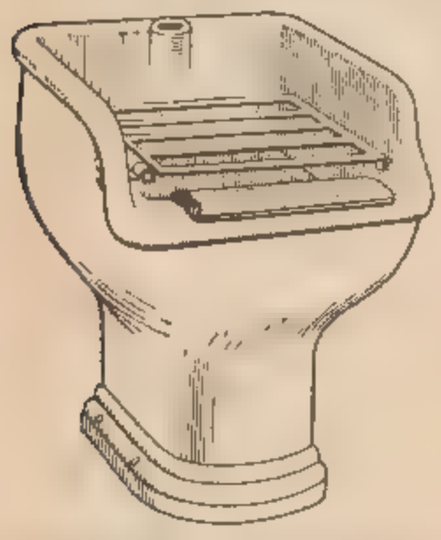
S81.

Obtainable in M.M.B.W. Pattern with 2" Outlet, or Country Pattern, with 1½" Outlet, as follows:

1	Compt.	24"	long	x 21"	wide	x 14"	deep	overall.
2	,,	46" or 48"	,,	x 21"	,,	x 14"	,,	,,
3	,,	72"	,,	x 21"	,,	x 14"	,,	,,

With or Without Special Cement Pedestals.

WHITE FIRECLAY PEDESTAL SLOP HOPPER



S82.

With Flushing Rim, Back and Sides, and S. & P. Trap.

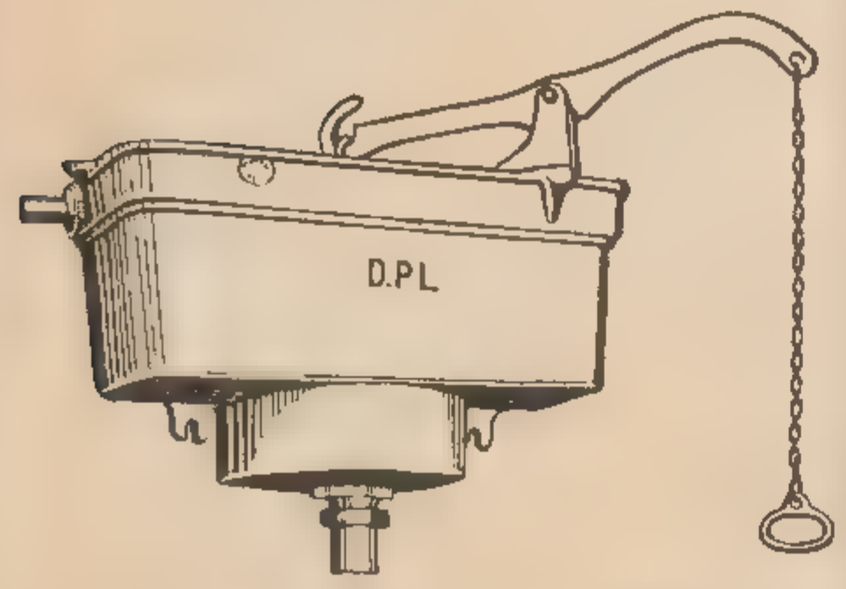
Fitted with top Cast Brass Grating, and Teak Wood Inset Pad

D.P.L. W.C. CISTERNS

Painted or Glass Lined

FULL BORE FLUSH

S.83



Ball Cock and Overflow are Interchangeable.

The Bell is suspended, and cannot strike the bottom of the Cistern.

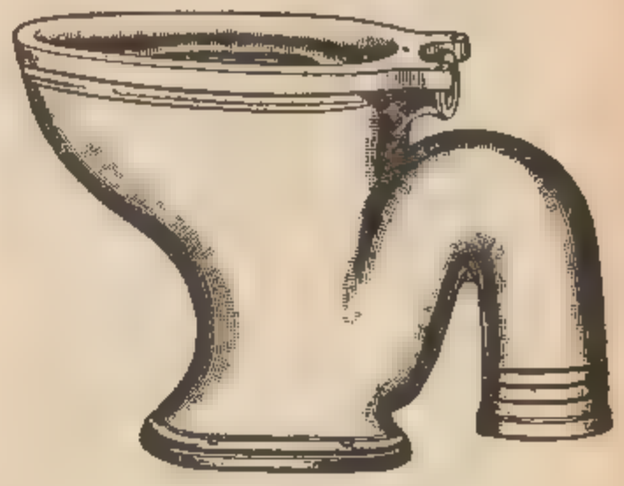
Supplied also with Brackets if desired.

PEDESTAL PANS

S84.

All White Pedestal Pan

P. or S. Trap, Plain or Vented, Right or Left Hand Side. Also Right or Left Hand Side Outlet, Plain or Vented.



S85.

Ivory Pedestal Pan

P. or S. Trap. Plain or Vented. Right or Left Hand Side. Also Right or Left Hand Side Outlet, Not Vented.

W.C. Seats

S86.

Single Flap Double Flap

3" or 9" Backboard

In Oak, Kauri, Maple, White and Coloured Duco, White and Coloured Celluloid. Bi-bolted in Oak and Kauri

S87.

Single Flap Double Flap

3" or 9" Backboard

In Oak, Kauri, Maple, White and Coloured Duco, White and Coloured Celluloid. Bi bolted in Oak and Kauri

S88.

Single and Double Flap

In Kauri, Maple, Mahogany, Church White, White and Coloured Duco, White and Coloured Celluloid; Black, White and Coloured Bakelite.

S89.

Single and Double Flap

OPEN FRONT

In Kauri, Maple, Mahogany, Church White, White and Coloured Duco, White and Coloured Celluloid; Black, White and Coloured Bakelite

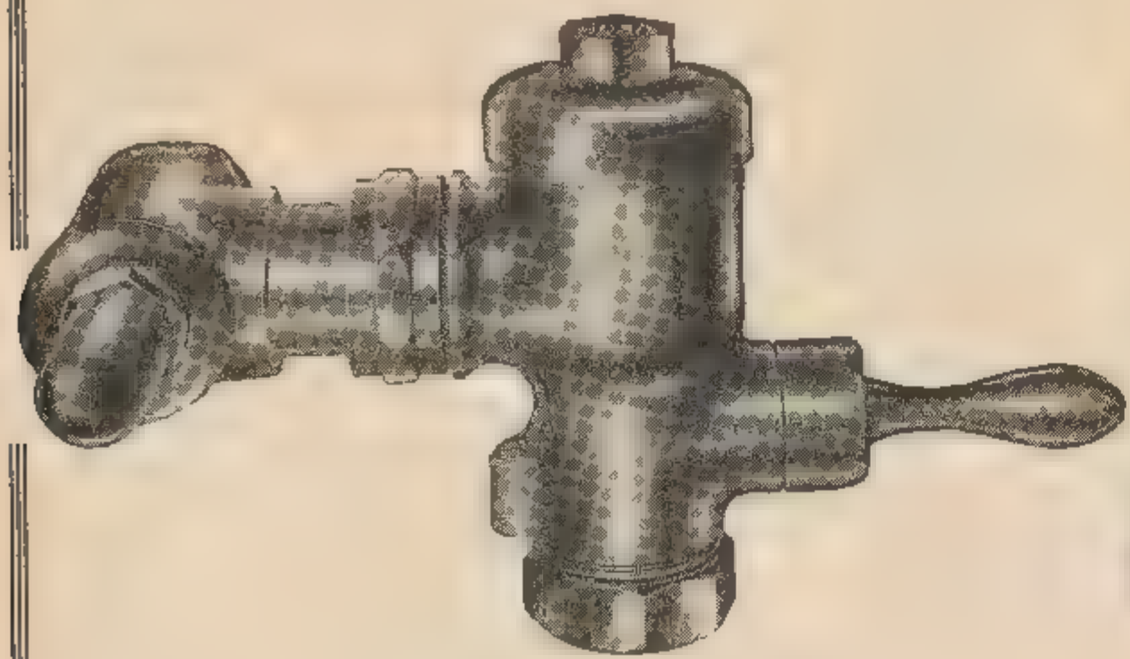
URINAL STALLS

Particulars and Illustrations can be had on application.

Streamlined Beauty and Silent Efficiency . . . .

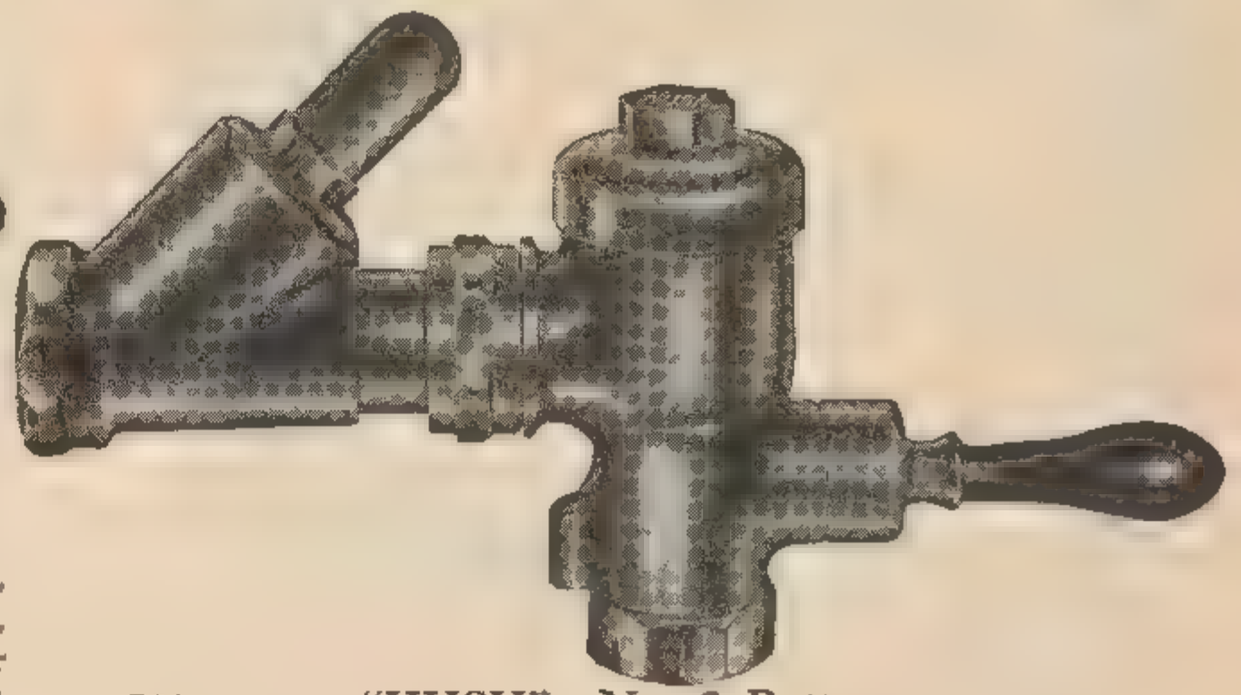
for Modern Bathrooms and Lavatories . . . .

"HUSH"
The SILENT Flusher



S90. "HUSH"—Pattern No. 1

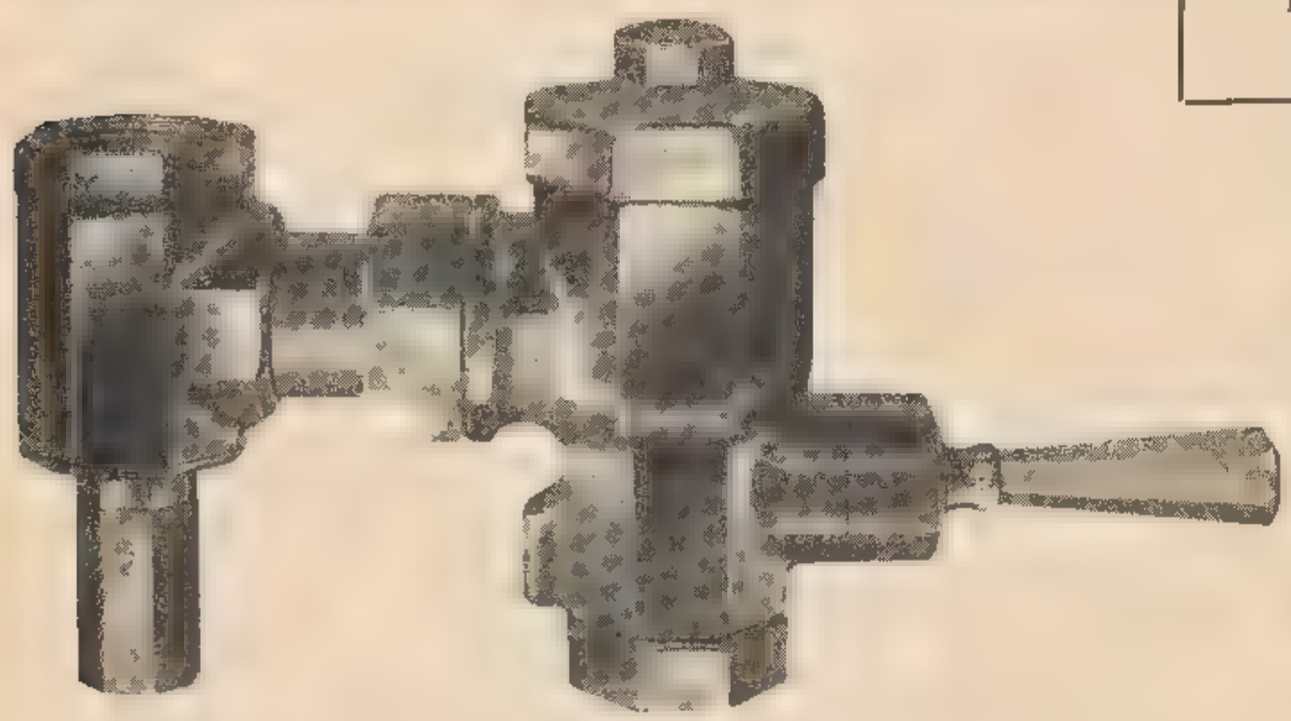
There are only two moving units in the "HUSH" FLUSHER, i.e., the lever and valve. The lever unit is definite in action, and the valve unit, which controls the volume of water passed at each flush, is strongly constructed and cannot get out of order. The valve moves only half an inch at each flush, and will operate an unlimited number of times without variation. The piston is loose fitting, and cannot be held up by small pieces of foreign matter, and the construction allows great volume of water to pass quickly, but water is cut off gradually at end of flush, thus allowing valve to seat quietly.



S91. "HUSH"—No. 2 Pattern

"HUSH" FLUSHER fitted with straight cock, concealed control, suitable for installing on division walls, obviating unsightly joint connections.

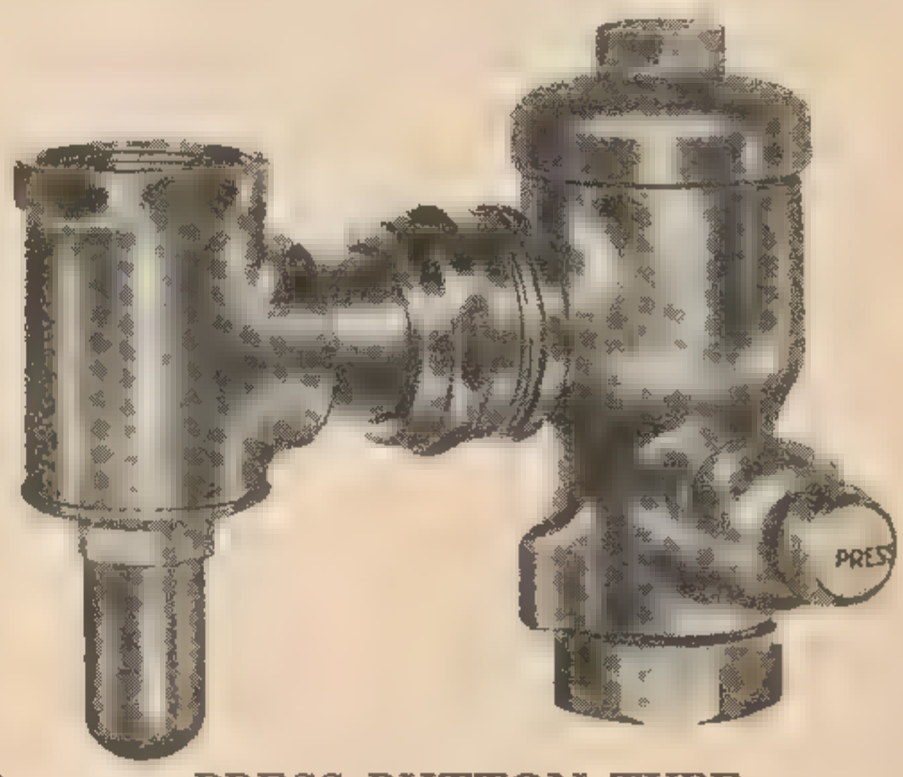
"HUSH" FLUSHERS are guaranteed against mechanical defects, due to any possible fault in construction, for a period of five years from date of purchase.



S92. "HUSH"—De Luxe Model

This Model is designed to meet the requirements of modern bathroom planning.

The appearance is all that can be desired, and the working parts are identical with our other types which have made the "HUSH" famous.



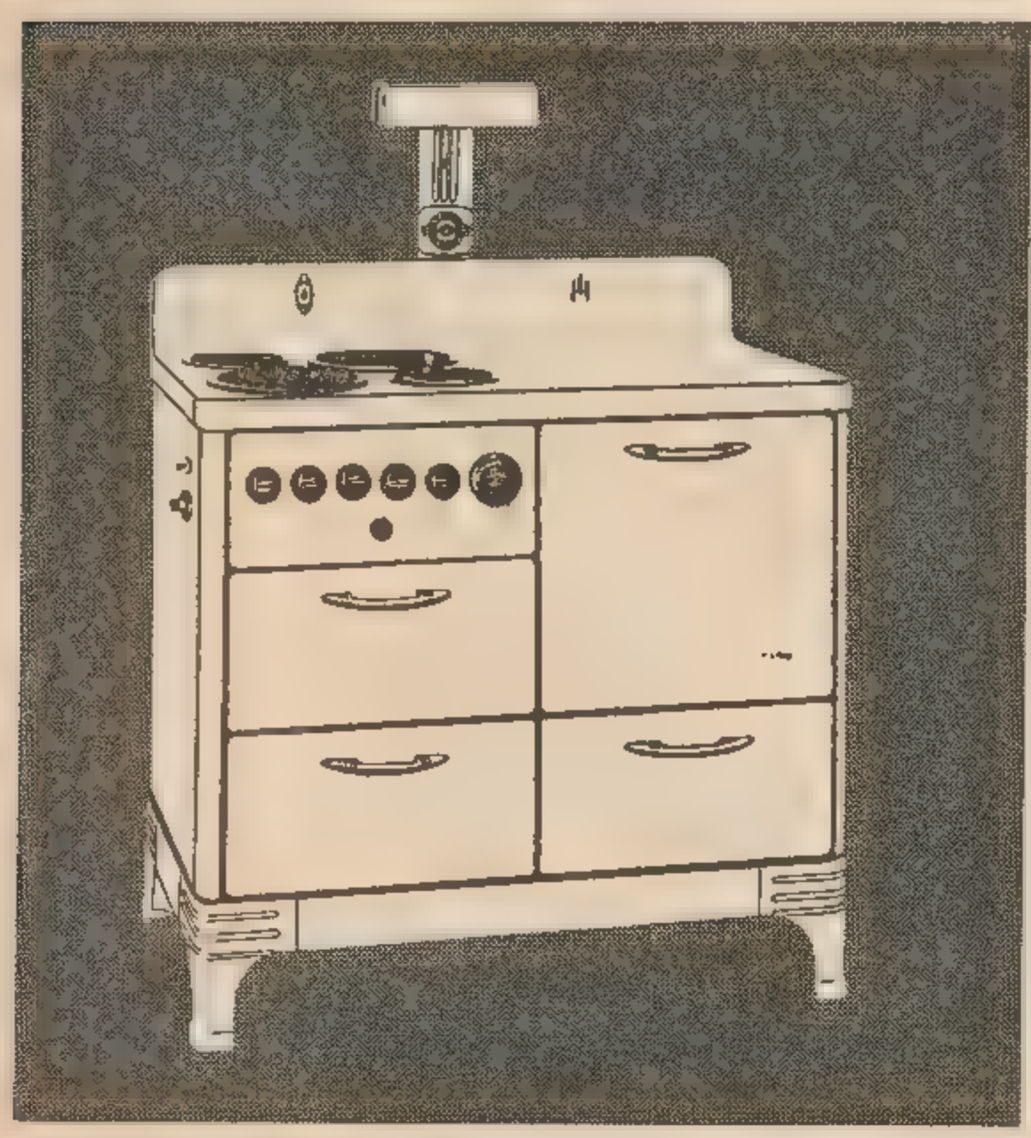
S93. PRESS BUTTON TYPE
For Flats, Public Buildings, etc.

OPERATES AGAINST ANY PRESSURE OVER 8ft. For Fuller Details, WRITE FOR LEAFLET

SINCE 1859 DANKS' SEWERAGE FITTINGS HAVE LED THE WAY

McCLARY

INTRODUCED INTO AUSTRALIA BY JOHN DANKS & SON PTY. LTD. AS THE IDEAL ELECTRIC RANGE FOR AUSTRALIAN CONDITIONS.



ELECTRIC RANGES

E1.

Model No. 1 supplied in the following finishes—C. and E.

Roasting Oven	16" x 20" x 14"	
Cooking Top	20" x 23"	
Height to Cooking Top	36"	
Floor Space	28" x 40"	
Surface Elements	1-9"	1,800 W
	1-9"	1,700 W
	2-7½"	1,250 W.
Oven Elements	Upper	1-1,800 W
	Lower	1-5,000 W.
Warming Closet	1,400 W	

The Speediron Element is a tried and proved heating unit . . famous for its uniform and consistent heating abilities . absolutely dependable performance . . . economy in operation . . . and, furthermore, is easily removable for minor or major adjustment.

The heavy cast-iron base is entirely eliminated. The four copper terminal blades on element engage easily, smoothly and flexibly. The fourth blade and jaw are permanently earthed to element base and range body respectively, thus ensuring absolute protection. All wiring and connections are clear of any contamination from boil-overs and grease. The element is faster, more rugged in construction, and will give longer and more satisfactory service.

Only McClary offers you these features . . .

The Oven is roomy, seamless and porcelain enamel lined. It will take the largest roasting pan. Four pie plates can be accommodated at one time. Joints are electric-welded before being porcelain enamelled, making seamless rounded corners that are easily cleaned. Two inches of special insulation material between the inside and outside walls retains all heat for hours. Racks and rack holders are removable. Elements plug in.

The Oven Springs are smooth acting, strong and invisible . . . give the oven door a silent, easy motion, and when closed hold it firmly against the oven frame. Not affected by heat of the oven elements, thus retaining their effectiveness indefinitely.

The Oven Heat Control, which is standard on higher-priced models, maintains oven heat automatically; can also be supplied on all Cabinet Models. Where Oven Heat Control is not supplied, a reliable Heat Indicator gives required degrees of heat.

All McClary Ranges have a beautiful porcelain enamelled finish, a finish that is smooth, glossy and readily cleaned. Colors are as indicated for the various models

Cooking Top is also porcelain enamelled, resists the action of boil-overs and acids, and is generously proportioned.

For ease in handling, fuses are arranged so that each is directly under the switch it controls.

McClary Electric Ranges are supplied in these finishes:

A Finish.—Black body, white enamelled panel, nickelled door.

B Finish.—Black body, white enamelled panel, grey enamelled top and front.

C Finish.—White enamelled front, sides, panel and door frames—grey top and blued covers.

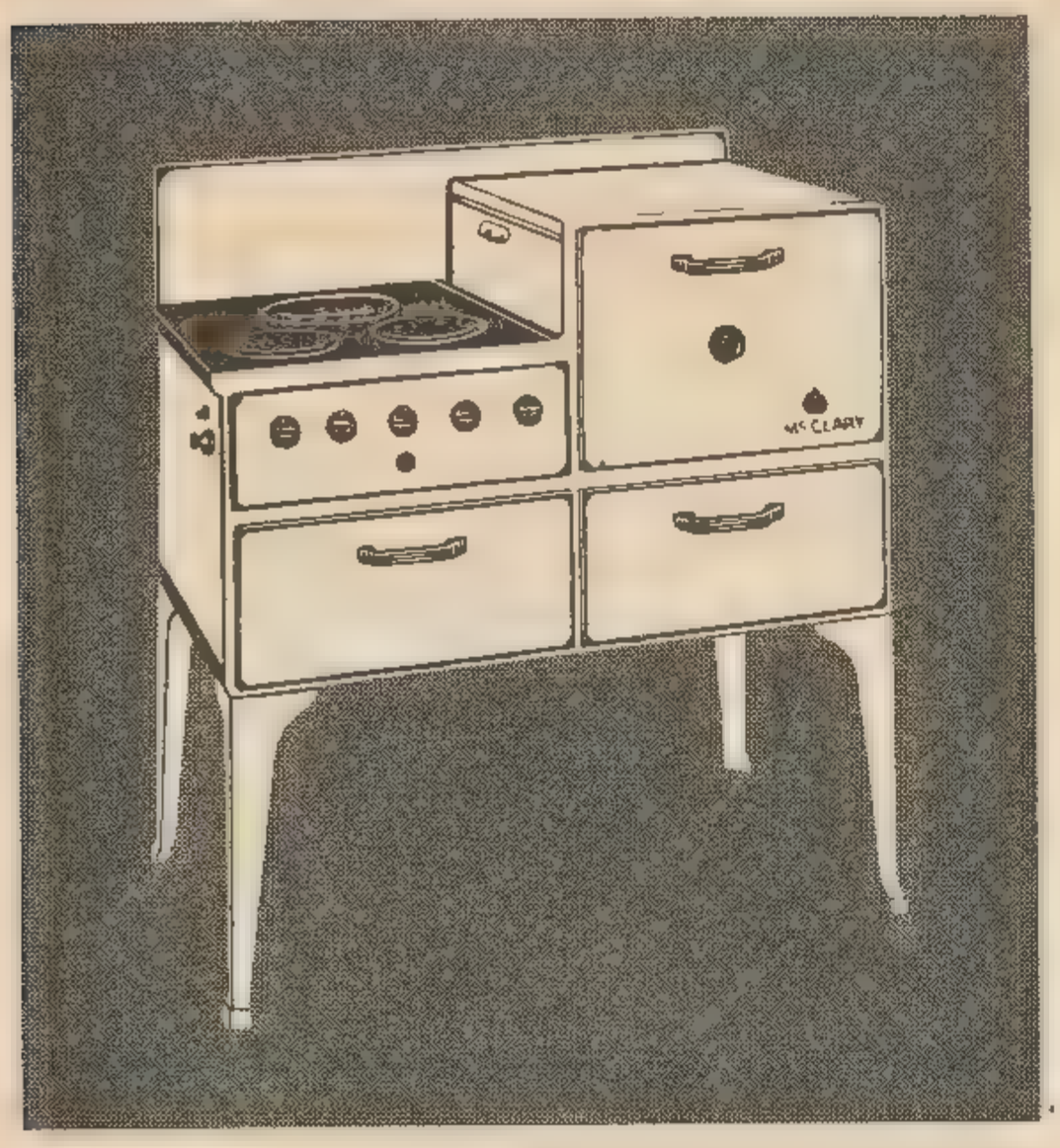
GC Finish.—Grey enamelled front and door frames, white enamelled panel and sides, grey top and blued covers

D Finish.—Ivory and green full enamelled—green enamelled top with blued covers

E Finish.—Two-tone ivory.

K Finish.—Black enamelled front, ivory doors and panel —black enamelled top and blued covers.

CK Finish.—Black enamelled front, white enamelled sides, black enamelled top, blued covers.



E2.

Model No. 2 supplied in the following finishes—C., D., E. and K

Roasting Oven	12½" x 15¼ x 18¼
Cooking Top . . .	18½" x 22
Height to Cooking Top	35"
Floor Space	25" x 39"
Surface Elements	1-9" 1,800 W
	2-7½" 1,250 W
Oven Elements	Upper 1-1,800 W
	Lower 1-1,500 W
Warming Oven	1-400 W.
Approx. Cu. Cap . . .	24 cu. ft

The Modern McCLARY offers you these Outstanding Features

1. Dependable, quick-heating Elements.
2. Illuminated cooking surface and Minute Minder.
3. Seamless all porcelain enamelled top.
4. Stain resisting porcelain enamelled top.
5. Seamless porcelain enamelled oven interior.
6. Oven completely surrounded with insulating material.
7. Balanced door.
8. Efficient broiler with smokeless grid.
9. Utility Drawer with rubber mat.
10. Oven Heat Control . . . New Hydraulic Type.
11. New long life Switches with Bi-Rotary action.
12. Pull-out oven racks . . . new design.

SMART IN STYLE THOROUGHLY DEPENDABLE

What is it you desire most in your new Electric Range—speed, efficiency, cleanliness, economy, beauty or long life? Then the McClary will suit you best, for it has more than one or two of these features—it has them all.

Speed.—With the new "Max-Speed" element (Boiling plate) you have a powerful unit capable of fast cooking

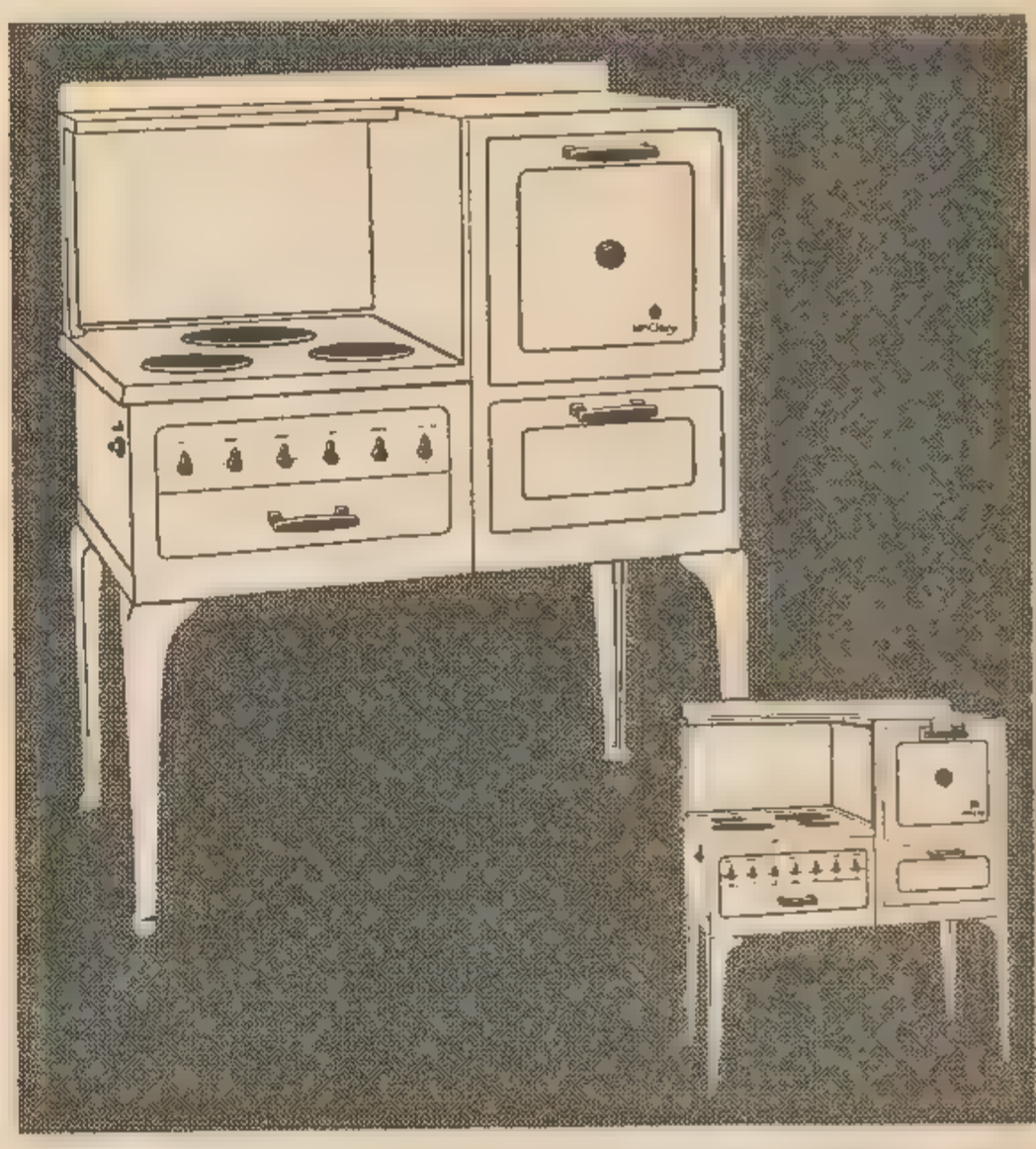
Efficiency.—No detail has been neglected in producing a range that is EFFICIENT. The McClary is also RELIABLE—you can depend on it to give you finest baking and cooking results.

Cleanliness.—The McClary Range is porcelain enamelled throughout, both outside and in—this glossy, marble-like finish requires only the use of a damp cloth to keep it spic and shining.

Economy. — Could anything be more economical than the protected elements on the cooking surface and the insulated oven?

Beauty.—The design and beauty of the McClary Electric Range is distinctive—the pastel shades of Green and Ivory, Two-Tone Ivory or the stronger colors of Grey and White are in perfect harmony and will enhance the appearance of any kitchen. The lines are smooth and unbroken by bolts, or unsightly hinges.

Long Life.—An outstanding feature of these carefully built stoves is that they are built to give long, reliable service. Our many friends can vouch for this. Thus, when you buy a McClary you are purchasing a product that will stand by you for a lifetime.



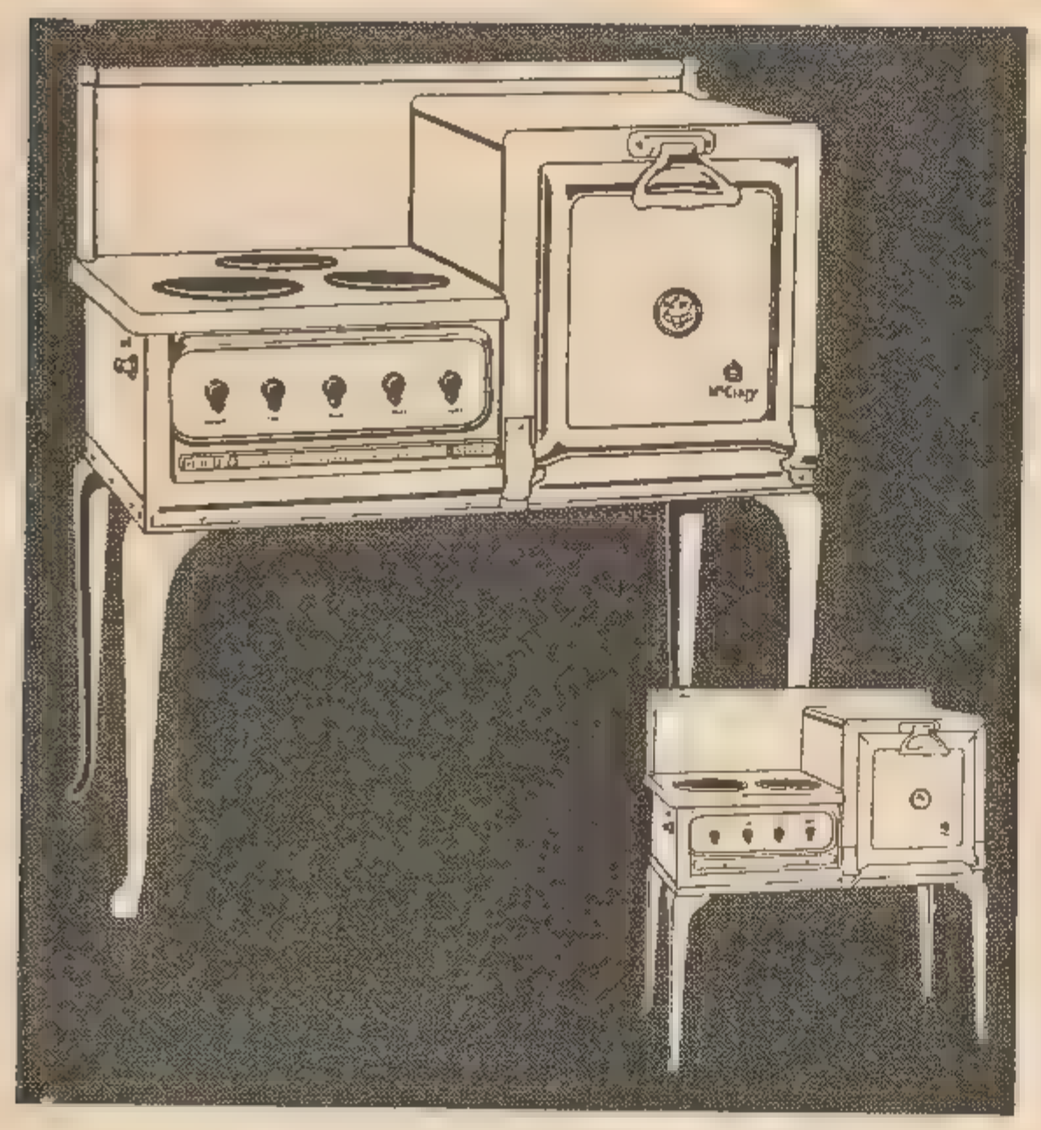
E3. E4.

Models No. 3 (Top) and No. 4 (Bottom) supplied in the following finishes—GC., C., D. and E.

	Model No. 3.		Model No. 4.	
Roasting Oven ..	14" x 20½" x 14"		16" x 20½" x 14"	
Cooking Top	21" x 23"		23½" x 23"	
Height to Cooking Top	34"		34"	
Floor Space	39" x 28"		44" x 28"	
Surface Elements . .	1-9"	1,800 W.	1-9"	1,800 W
	2-7½"	1,250 W.	1-9"	1,700 W
			2-7½"	1,250 W
Oven Elements	Upper	1,800 W.	Upper	1,800 W.
	Lower	1,200 W.	Lower	1,200 W
Warming Closet	1-650 W.		1-650 W.	

JOHN DANKS & SON PTY. LTD.

MELBOURNE AND SYDNEY



E5. (At right). E6.

McClary Model

Models No. 5 and 6 supplied in the following finishes—GC., C., D. and E.

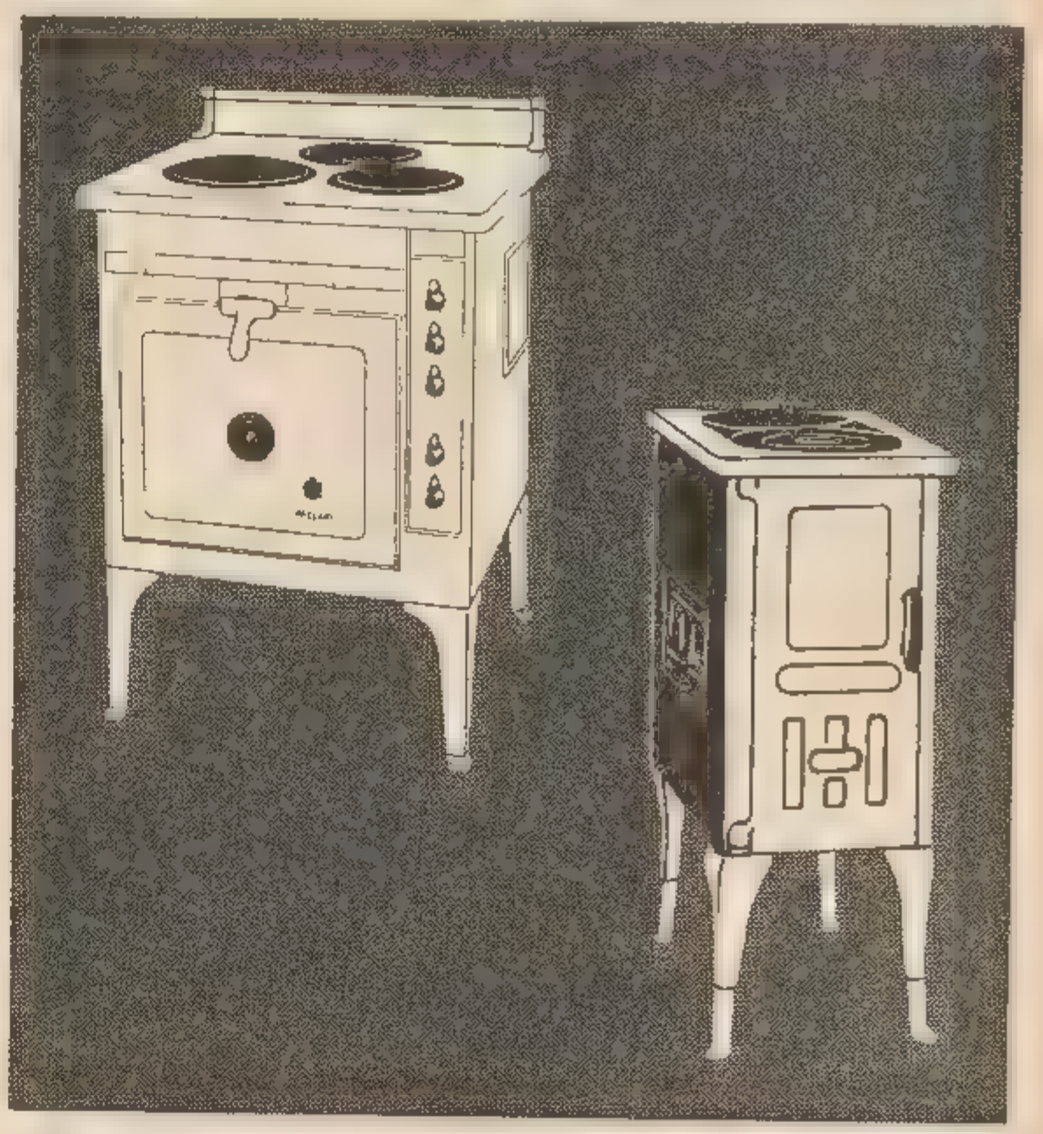
Roasting Oven	16″ x 15″ x 14″
Cooking Top	20½″ x 24¾″
Height to Cooking Top	34″
Floor Space	24″ x 25¼″
Surface Elements	1-9″ 1,800 W 2 7½″ 1,250 W.
Oven Elements	1-1,500 W. 1 1,200 W

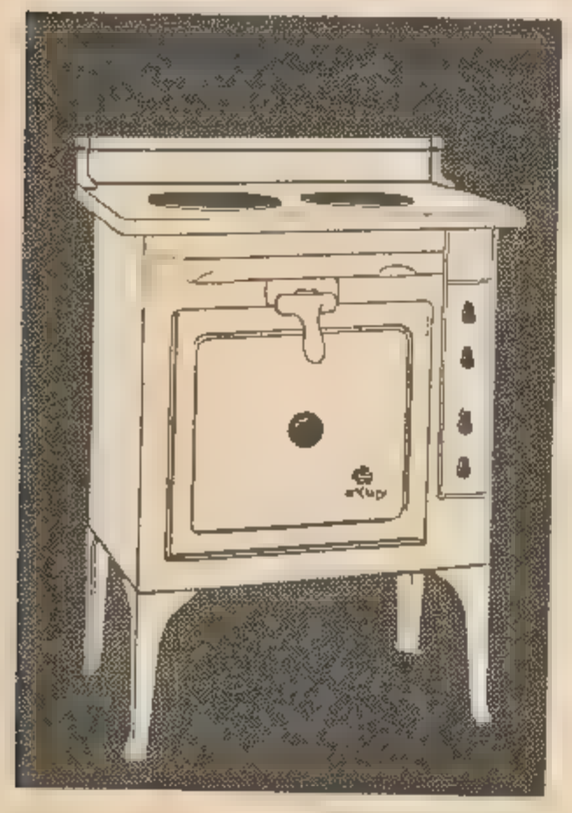
McCLARY ELECTRIC RANGES

On left, E9, and (lower) E10.

Models No. 9 (Top) and 10 (Bottom) supplied in the following finishes—GC., C. and D.

	Model No. 8.	Model No. 82
Roasting Oven	15″ x 16″ x 16″	15″ x 16″ x 16″
Cooking Top	20½″ x 22″	20½″ x 22″
Height to Cooking Top	34¼″	34¼″
Floor Space	42″ x 22″	42″ x 22″
Surface Elements	1-9″ 1,800 W. 2-7½″ 1,250 W.	1-9″ 1,800 W. 1-7½″ 1,250 W.
Oven Elements	Upper 1,500 W. Lower 1,200 W.	Upper 1,500 W. Lower 1,200 W.





E8.

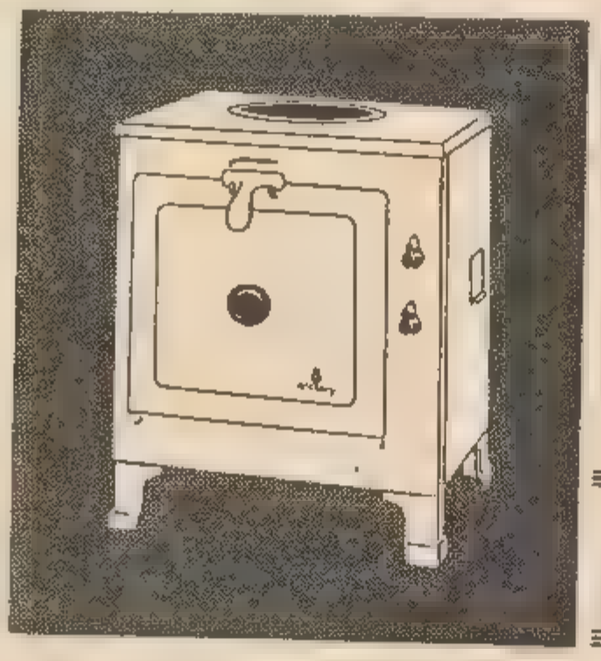
Model No. 8 supplied in the following finish only—GC.

Roasting Oven	12¾″ x 12¾″ x 10″
Cooking Top	14½″ x 18½″
Height to Cooking Top	23″
Floor Space	19½″ x 17¼″
Surface Elements	1-9″ 1,800 W.
Oven Elements	Upper 1,000 W. Lower 600 W.

E7. (On left)

Model No. 7 supplied in the following finishes — C., GC., D. and E.

Roasting Oven:
16″ x 12½″ x 14″
Cooking Top: 24½″ x 15½″
Height to Cooking Top: 36″
Floor Space: 25″ x 19″
Surface Elements:
1-9″ 1,700 W.
1-7½″ 1,250 W.
Oven Elements:
Upper 1,300 W.
Lower 1,100 W.

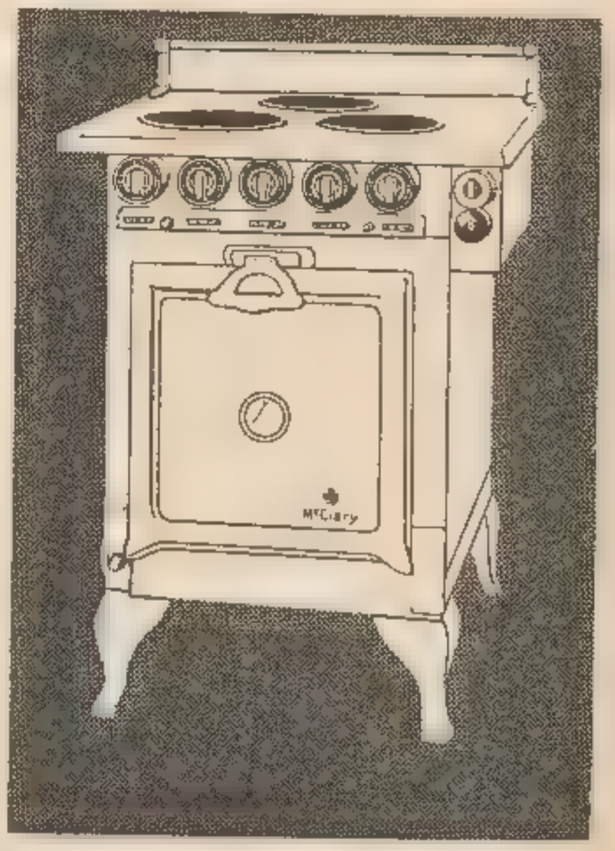


A Pleasure to Operate
A Treasure to Own

E11.

Model No. 11 supplied in GC. and C.

Roasting Oven:
15″ x 16″ x 16″
Cooking Top:
20½″ x 24¾″
Height to Cooking Top:
34″
Floor Space:
25″ x 22″
Surface Elements:
1-9″ 1,800 W.
2-7½″ 1,250 W.
Oven Elements:
Upper 1,500 W.
Lower 1,200 W



Send for Illustrated Leaflet giving details of other designs and types for all homes

DANKS FIRST IN THE FIELD FOR AN EFFICIENT RANGE (MCCLARY)

CLEAN - - ECONOMICAL COOKING

MOFFAT ELECTRIC RANGES

E12 (at left). MOFFAT MODEL

A specially fine Moffat model, combining economical efficiency with smart appearance.

DIMENSIONS

	Width	Depth	Height
Bake Oven	14″	18¾″	13″
Warming Oven or Utility Drawer	14″	19″	6″
Cooking Top to Floor	—	—	39″
Cooking Top	19″	20½″	—
Extreme Dimensions	39″	24″	37″

Elements on Top—1-1700W. or 1350W. Standard or 2000W. Cookquik.
1-1260W. Standard or 1800W. Red Spot.
1-750W. Standard or 750W. Red Spot.

Elements in Oven—Top, 1500W.; Bottom, 1260W.

With Utility Drawer, or Warming Oven with 500W. Element.

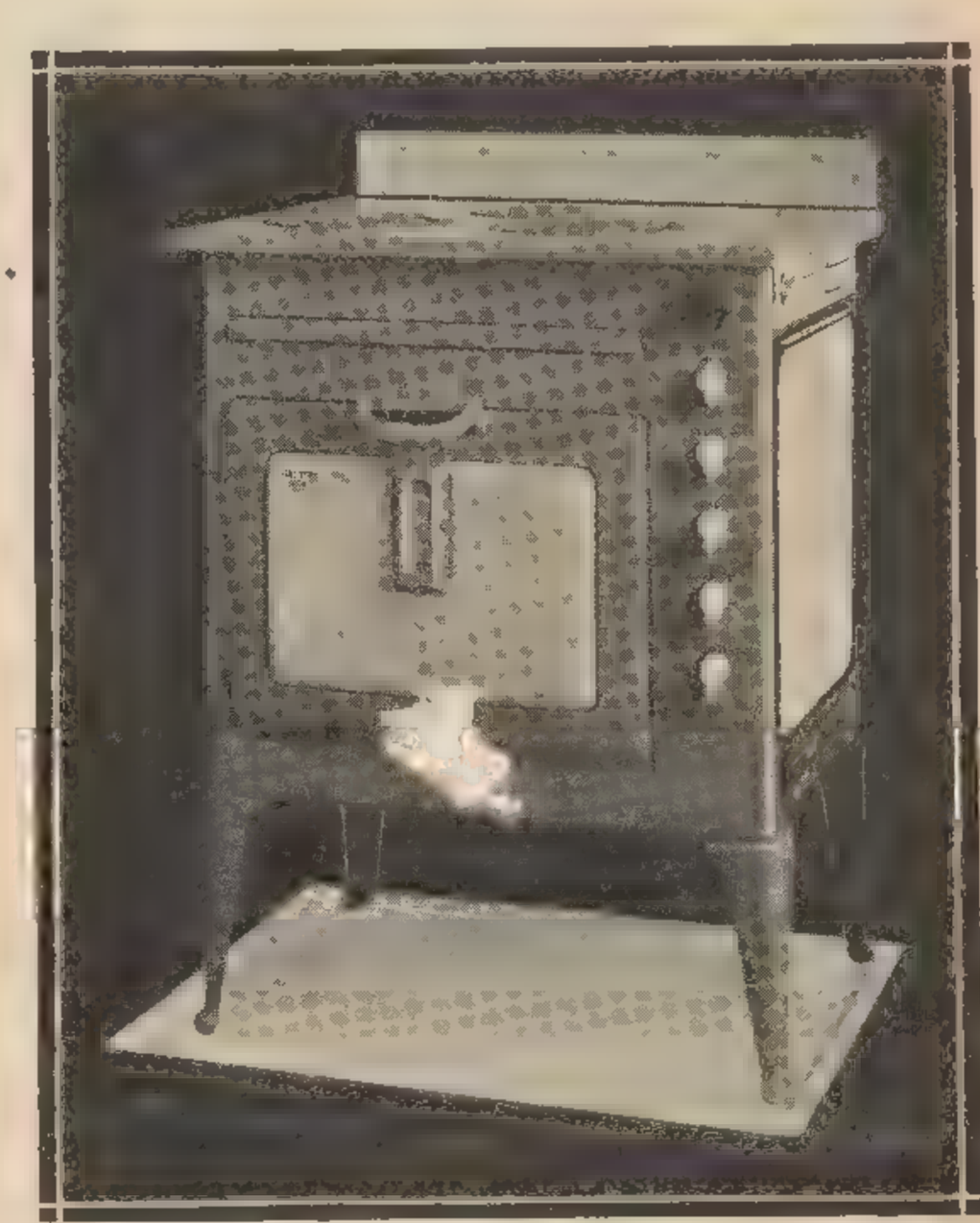
E13 (at right). MOFFAT MODEL

DIMENSIONS

	Width	Depth	Height		Width	Depth	Height
Oven	18″	15″	13″	Floor to Top	—	—	36″
Top	28″	21½″	—	Extreme Dimensions	29″	22″	40″

Elements on Top—1-700W. Standard or 2000W. Cookquik.
1-1350W. Standard or 1800W. Red Spot. 1 750W. Standard or 750W. Red Spot

Elements in Oven—Top 1500W., Bottom 1260W.



Illustrated Leaflets on Moffat Ranges Gladly Sent on Request

E14 (at left). MOFFAT MODEL

A Moffat model with an instant appeal to those who must consider space available.

DIMENSIONS

	Width	Depth	Height
Oven	14″	13″	13″
Hob or Cooking Top	22½″	16¾″	—
Hob or Cooking Top to Floor	—	—	37″
Hot Cupboard	17½″	13½″	6¾″
Extreme Dimensions	22½″	18¾″	42¾″

Elements on Top—1-7½ x 10½ Grill Boiler, 2000W.
1-6½″ Red Spot, 900W

Elements in Oven—Top 1000W., Bottom 1000W.

"Good Cooking depends a lot on your Stove"

DANKS FOR MOFFAT RANGES — MADE IN AUSTRALIA

JOHN DANKS & SON PTY. LTD.

MELBOURNE AND SYDNEY

Gas-Electric Stoves

By METTERS, K.F.B.

For those who prefer a gas-burning hot-plate with an electric oven, these fine Stoves make an instant appeal. Obtainable in Blue, Green, Brown or Grey Mottled Enamels or Plain Green or All Cream.

E16 (above).

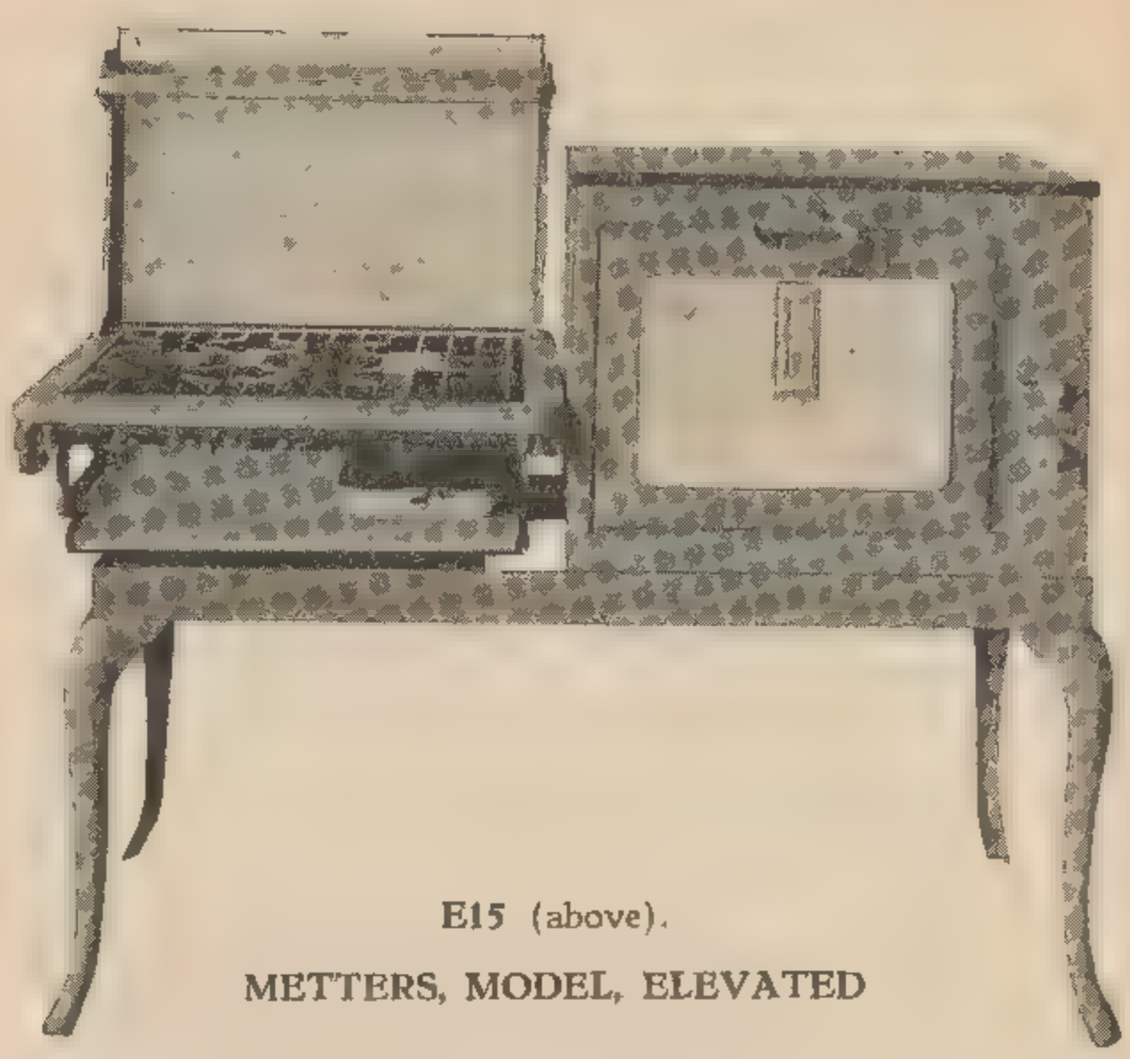
METTERS, MODEL

DIMENSIONS

	Wide	Overall Height	Deep	Height W/out Plate Rack
Overall	51"	48"	24"	41½"
Overall as Table Model	50"	32"	22½"	26"
Inside Oven	14"	13"	18"	—

ELEMENTS—TOP 1500W., BOTTOM 1260W

Hotplate—3 "Star" boiling burners, simmering burner, griller, pilot light. Enamelled Griller Dish and Crown Plate with gutter



E15 (above).

METTERS, MODEL, ELEVATED

DIMENSIONS

	Overall Height	Wide	Deep	Height W/out Plate Rack
Overall	48"	55½"	22"	42"
Overall as Table Model	32½"	54"	22	26½"
Oven	13"	18"	15"	—

ELEMENTS—TOP 1500W., BOTTOM 1260W.

Hotplate—3 "Star" boiling burners, simmering burner, griller, pilot light. Enamelled Griller Dish and Crown Plate with gutter.

SPEEDY - ECONOMICAL - DEPENDABLE
Combines, in one Stove, all the advantages of a gas-burning hot-plate and an electric oven.

E17 (at left).

METTERS, MODEL

DIMENSIONS

	High	Wide	Deep
Overall	39"	27"	21"
Oven	13"	14"	13"

ELEMENTS—TWO-900W. EACH

Hotplate—3 "Star" boiling burners, simmering burner, griller, pilot light. Enamelled Griller Dish and Crown Plate with gutter

E18 (at right).

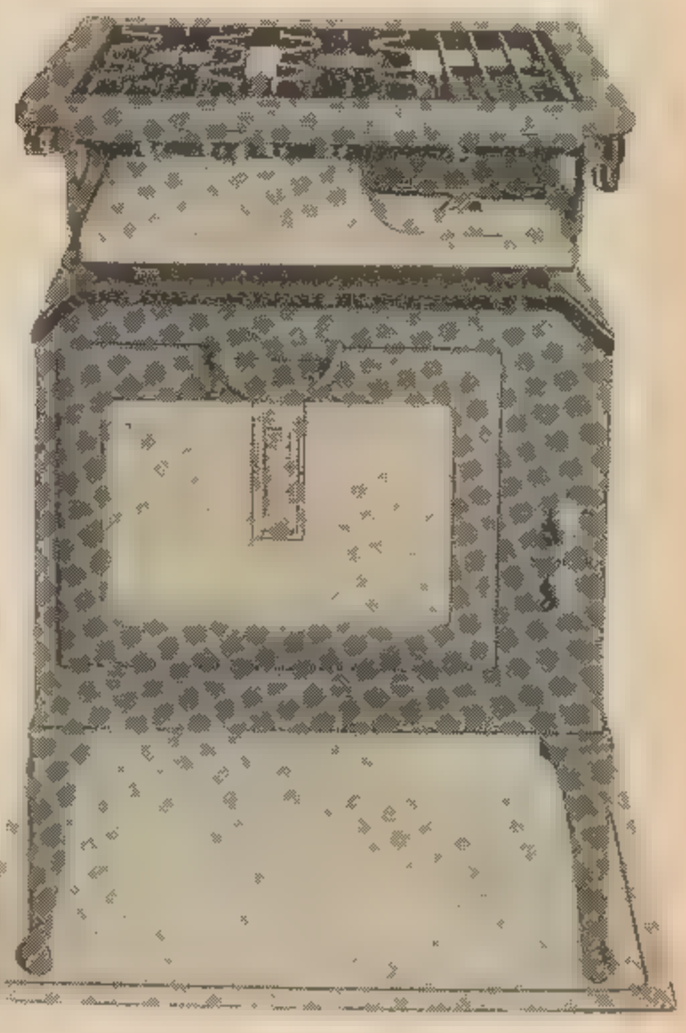
METTERS, MODEL

DIMENSIONS

	High	Wide	Deep
Overall	39"	28"	21"
Oven	13"	18"	15"

ELEMENTS—TOP 1500W., BOTTOM 1260W

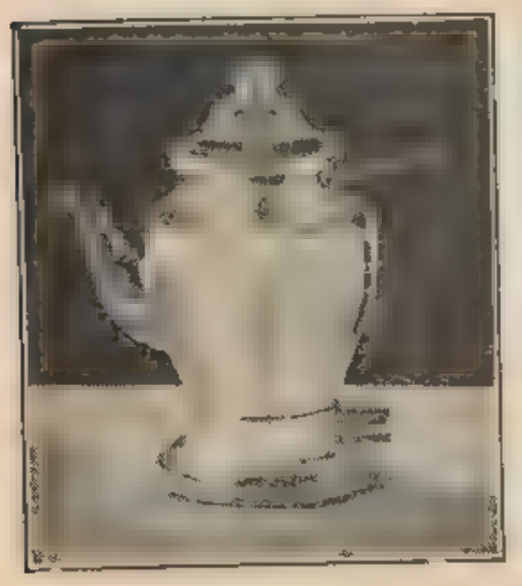
Hotplate—3 "Star" boiling burners, simmering burner, griller, pilot light. Enamelled Griller Dish and Crown Plate with gutter.



DO NOT CUT CATALOGUE

GAS-ELECTRIC STOVES FOR ECONOMY — SEE DANKS

SERVEX *Modern* ELECTRIC APPLIANCES *reliable modern*



E19.—Chrome Plated Coffee Percolator

E20.—As above, heavily Silver Plated. Attractive colored handles.

E21.—Toaster. In Chrome and Black.

E22.—Chrome, colored feet, handles in Green, Blue, Red or Black.

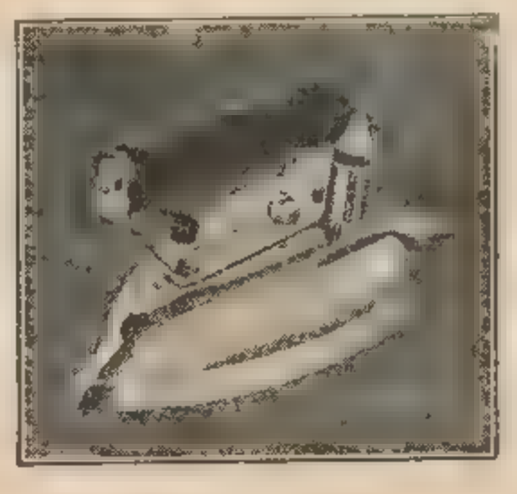
E23.—Electric Jug. Plain Cream.

E24.—Mottled Finish. Blue, Green, Brown

E25.—Plain Blue or Green.

E26.—Griller. Solid made In Chrome Nickel Plate Guaranteed 2 years.

E27.—De Luxe Iron. Large Sole Plate. Chrome and Black or Red or Green



E28.—Standard Iron. Dependable. Chrome and Blue.

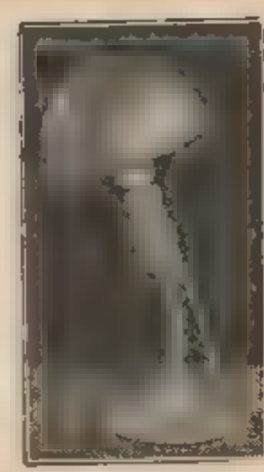
All the above complete with 6 Feet of Flexible Cord and Plug

Reading Lamps

To clamp, stand or hang. For bedside, desk or table.

E29.

In attractive lacquer colours.



E30.

(At left): In Silver, Bronze or Satin Brass Finish

E31.

Chromium Plated.

Good Lamps deserve Good Globes.
INSIST on "NOX"

WELCOME WARMTH AT SMALL COST!

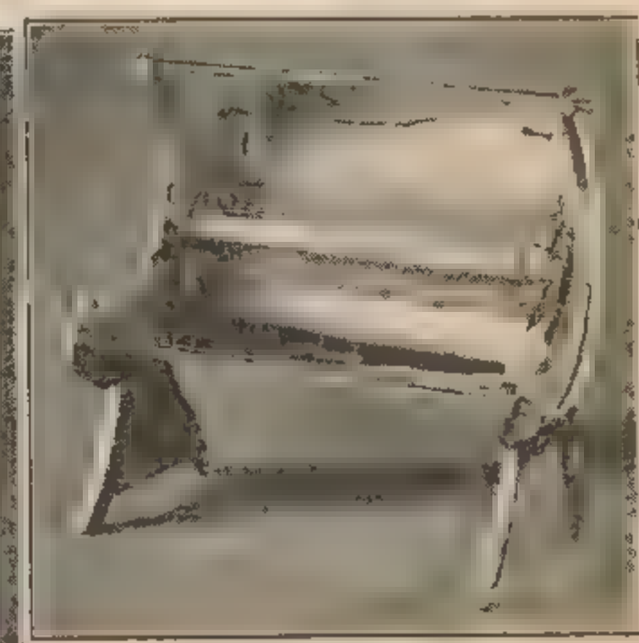
E36.—Chrome Reflector, colored frame. 13 in. x 15 in. x 5 in. Dependable, long life, strongly made.

E37.—Adjustable Chrome Reflector

12 in. x 10 in x 6 in. Very handsome in appearance and solidly made.

E38.—Styled for beauty as well as efficiency.

A modern Radiator, 15 in. x 13 in. x 5 in. Chrome Reflector.



E39.—Combining utility with appearance. Full 90 degrees heat distribution. Adjustable Chrome Reflector.
14 in.. x 12 in. x 4½ in.

When ordering, quote number only. Do Not Cut Catalogue

DANKS FOR "SERVEX" APPLIANCES AND SATISFACTION

JOHN DANKS & SON PTY. LTD.

MELBOURNE AND SYDNEY

E40.
HECLA SUPERLINE IRON
With flared sole, fatigueless handle. All Chrome finish.

E41.
HEAT CONTROLLED IRON
Prevents heat rot and scorching. Flared sole. All Chrome finish.

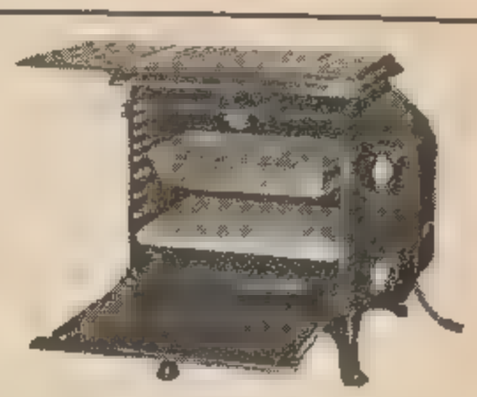
E42.
SUPER IRON
With flared sole and trouble free flex connection. All Chrome finish.

Clean, Cheap, Efficient.

COOKERS

E43 (at left).
FAMILY COOKER

E44 (at right).
ELECTRIC STOVETTE



HECLA
ELECTRIC APPLIANCES

E51.
PLATE WARMERS

E49.
BOILO-JUGS
Fastest, most economical way to boil water. In many beautiful colors.

E50.
GRILLER
For quick results. Will grill, fry, boil, toast. Nickel Plated finish

E56.
COFFEE PERCOLATOR
For making coffee of fuller, richer flavor. Holds six large cups. Nickel Plated, Silvered interior.

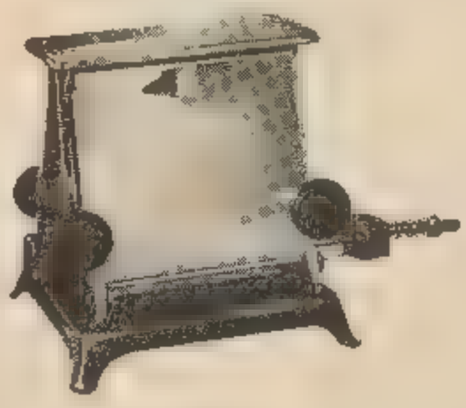
E57.
Electric Cal-O-Font
For plentiful hot water in the kitchen or bathroom at low cost Capacity, 1½ gallons.

Auto. Safety Urn
Hot Water Urns.
E58.
1 gallon capacity.
E59.
2 gallon capacity.
E60.
3 gallon capacity with 3 heat control.
E61.
4 gallon capacity with 3 heat control.

E58.

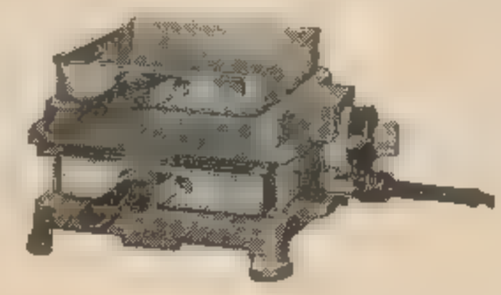
Leaflets on Request

E45.
KETTLES
Beautifully modelled and finished in Nickel Plate. Automatic cut-off
E45.—2-pint capacity.
E46.—3-pint capacity.
E47.—4-pint capacity.



E52.
TOASTERS
Electrically made toast is the most delicious!
E52.—In Black and Chrome.
E53.—All Chrome finish.
E54.—All Chrome on Brass.

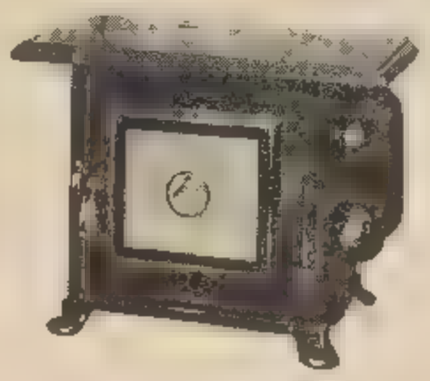
E48.
IMMERSION HEATER
Sheathed type. Quicker, more reliable. Nickel Plate finish.



E55.
3-HEAT GRILLER-COOKER
Grills, fries, boils, toasts. Two operations at once. Trouble free, dependable.

HECLA ELECTRIC COOKERS

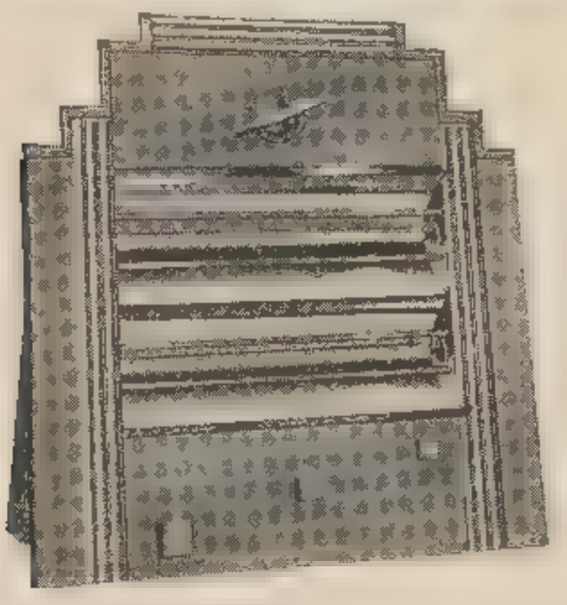
E66 (at right).
Clean, economical cooking with a minimum of trouble. Dependable and smartly styled.



E67.
As above with short legs.

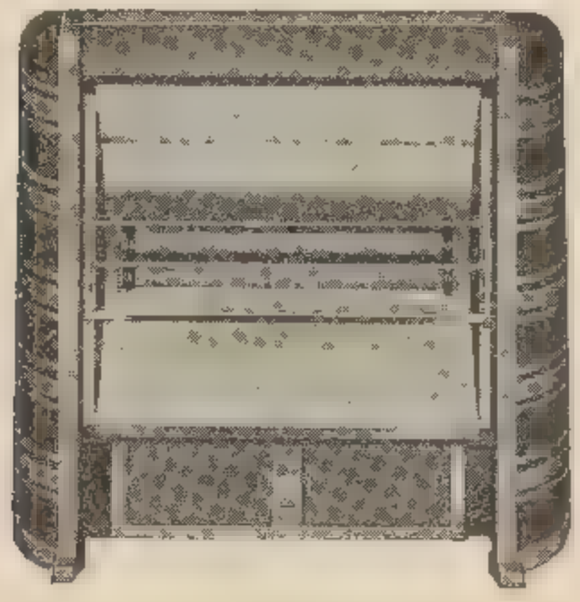
DANKS FOR "HECLA" PRODUCTS OF QUALITY

HECLA



E68.
HECLA "FLUTA-ROD"
Size: 15" W. x 16½" H. x 5½" D. Elements: 10½" (two). Loading: 2,000 Watts. Finish: Wood Grain or Antique Brass.

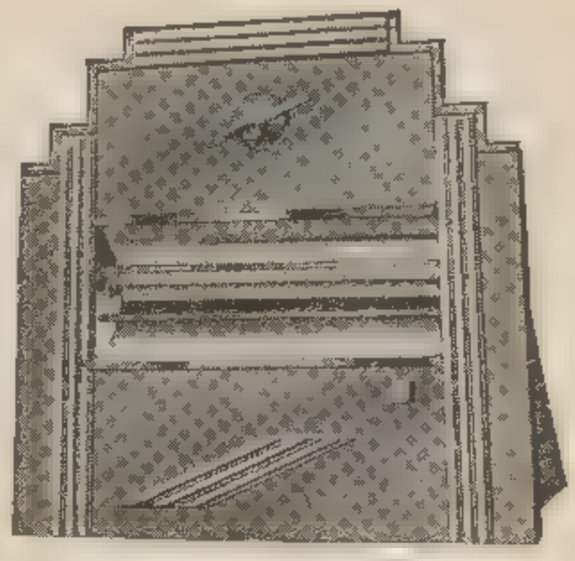
THE NAME
HECLA
IS YOUR GUARANTEE
OF QUALITY



E76.
HECLA "MELBA-ROD"
Size. 17½" W. x 16¼" H. x 7" D. Elements: 10½" (two). Loading: 2,000 Watts. Finish: Oxy-copper and Chrome.
Hospital Types.—"Melba" design, but fitted with porcelain bar elements (sun-bar type), same pric

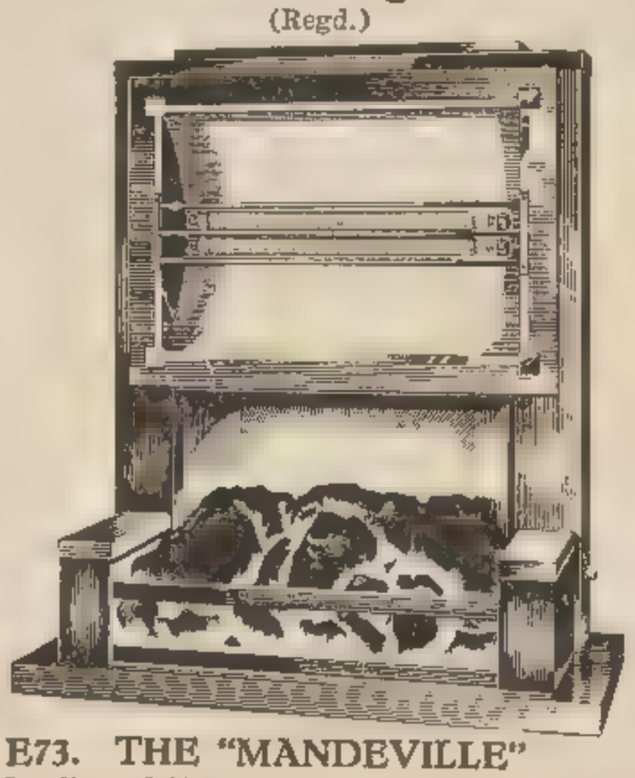
WRITE
FOR
LEAFLETS

E77.
HECLA
"APEX"
Fitted with adjustable 9" reflector. Size: 9¾" W. x 12" H. x 10¼" D. Loading: 700 or 1,000 Watts. Finish. Chrome and Enamel.



E69. HECLA "FLUTA-ROD"
Size: 15" W. x 15" H. x 5½" D Element: 10½". Loading: 1,000 Watts. Finish: Wood Grain or Antique Brass.

Electric "Coal-aglo" Fires
(Regd.)



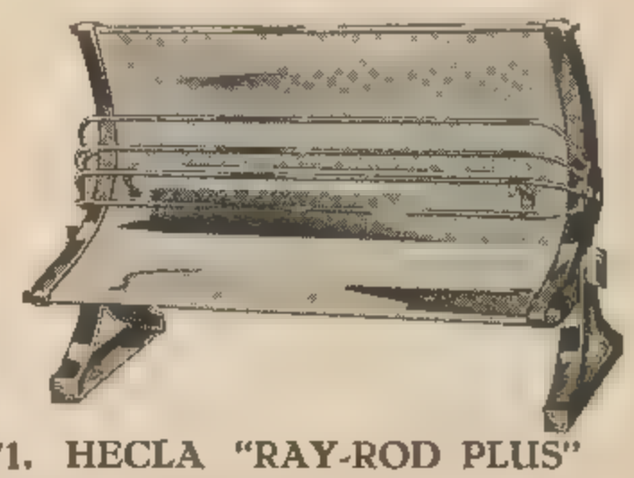
E73. THE "MANDEVILLE"
Loading: 2,600 Watts. Finish: Antique Brass. Overall Dimensions: 22½" W. x 25½" H. x 10½" D.
May also be had in two cheaper models of a similar design.

E74. THE "MALDON"
Loading: 1,000 Watts. Finish: Antique Brass. Overall Dimensions: 19½" W. x 18½" H. x 8½" D.

E75. THE "MACEDON"
Loading: 2,000 Watts. Finish: Antique Brass. Overall Dimensions: 19" W. x 22¾" H. x 10½" D.

E78. HECLA "MARLO"
Size: 15½" W. x 18" H. x 7½" D. Reflector: 12". Loading: 700 or 1,000 Watts. Finish: Oxy-copper and Chrome.

E70. HECLA "RAY-ROD"
Fitted with adjustable reflector. Size: 15½" W. x 11½" H. x 9½" D. Element: 10½". Loading: 1,000 Watts. Finish. Baked Enamel and Chrome.
Wall mounting holes provided for Bathroom fixing if desired.



E71. HECLA "RAY-ROD PLUS"
Fitted with adjustable reflector. Size: 17" W. x 11¼" H. x 9½" D. Element: 13½". Loading: 1,300 Watts. Finish: Baked Enamel and Chrome.
Wall mounting holes provided for Bathroom fixing if desired.

E72. HECLA "ADJUSTA-ROD"
Fitted with adjustable reflector. Size: 18½" W. x 18" H. x 11¾" D. Finish: Oxy-copper and Chrome. Element: 13½" (one). Loading: 1,300 Watts. Elements: 13½" (two). Loading: 2,600 Watts.

E79.
HECLA
"GEM"
Fitted with adjustable 9" reflector. Size: 10" W. x 16" H. x 10½" D. Loading: 700 or 1,000 Watts. Finish: Chrome and Enamel.

IN EXCLUSIVE DESIGNS OF ELECTRIC FIRES

JOHN BANKS & SON PTY. LTD.
MELBOURNE AND SYDNEY

CHARMING TABLE AND STANDARD LAMPS

Made in Duperite and Designed to Meet Modern Requirements in Lighting

E80. ENSIGN

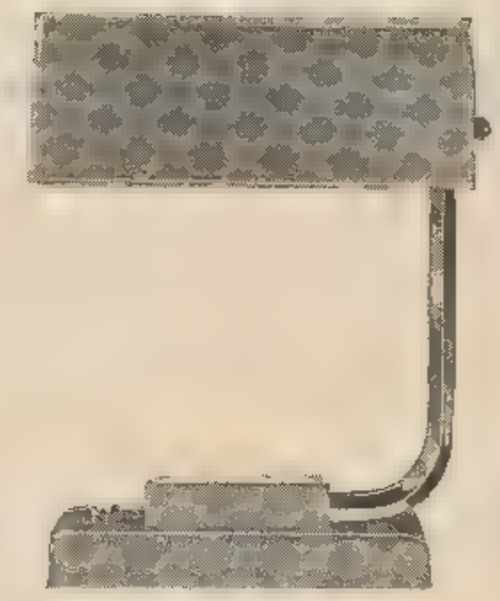
A neat, sturdy article complete with clip-on attachment, adjustable opaque shade, moulded Push Bar Holder and ferrule to match.

Colours available in: Mottled Pink, Mottled Green, Mottled Blue, Walnut.

E81. CHIEF

Specially designed Desk, Study, Display or Commercial Lamp, combining appearance with utility. Heavily weighted moulded base, with wall clip, movable moulded arm, and reflector lined shade.

Obtainable in the following wood colours to match your Desk: Brown, Black, Mahogany, Walnut.



E84. BARON

This smart, modern Desk or Table Lamp has an adjustable Shade of charming design, weighted Base and Push Button Switch.

Obtainable in: Onyx Green, Onyx Pink, Onyx Blue, Onyx Amber, Onyx White, and Champagne.

E85. ROYAL

An attractive Reading Lamp, with Push Bar Switch, clip-on attachment, weighted base and Chromium Swivel Joint.

Colours: Onyx White, Onyx Pink, Onyx Green, Onyx Amber, Onyx Blue and Champagne.

E86. MONARCH

A Quality Lamp at an attractive price, with clip-on attachment, Push Bar Switch and Weighted base.

Available in: Onyx Green, Onyx Pink, Onyx Blue, Onyx Amber, Onyx White.

USE NOX GLOBES WITH THESE LAMPS

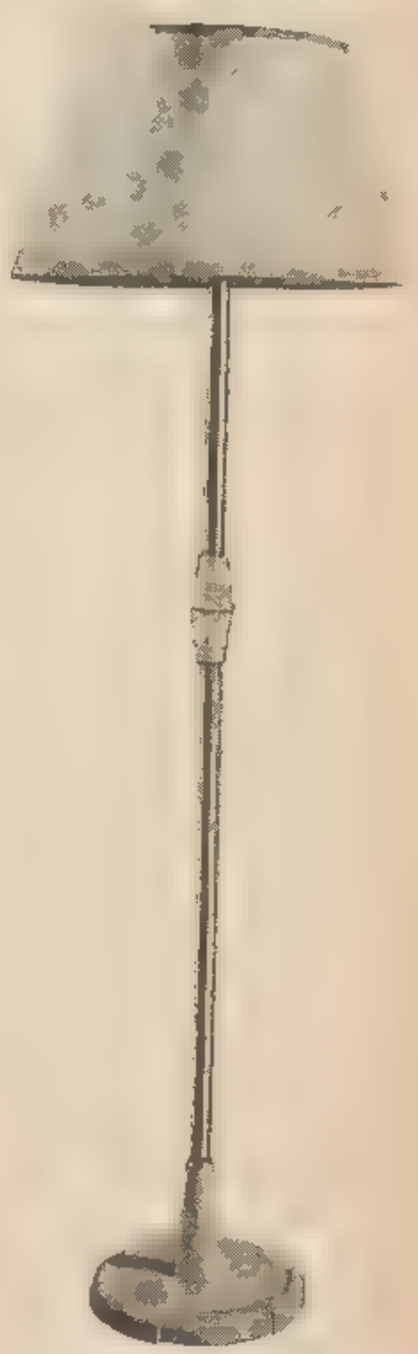
E82. COUNTESS

A beautiful Lamp of unique design, complete with rubber covered Bed Clips. Chrome finish.

Obtainable in: Onyx Green, Onyx Pink, Onyx Blue, Onyx Amber, Onyx White, Champagne.

E87. THE EMPEROR FLOOR STANDARD

A graceful Standard. Obtainable with an attractive Black fluted base, Chromium stem, White moulded centrepiece and Buckram shades in Natural (off White), Primrose and Buff. Each unit is equipped with 4 yards silk covered flex and B.C. Adaptor.



E83. THE EMPRESS MANTEL LAMP

An exquisite lighting unit for the mantel or occasional table.

The fluted column is available in White only, but the base can be supplied in either Black or White, complete with Buckram shade in either Natural, Primrose or Buff, and equipped with 3 yards silk flex and B.C. Adaptor.

For maximum efficiency, 75-watt frosted globes are recommended.

E88. THE PRINCE TABLE STANDARD

A delightful Table Lamp, complete with 16" Buckram shade. Black base, Chrome and Natural trimmings.

Equipment details are the same as for the standard type.

For maximum efficiency, 100-watt frosted globes are recommended for the Prince and Emperor Lamps.

ALL AUSTRALIAN PRODUCTS OF DISTINCTION

Distinctive Lighting Fixtures

Space does not permit the showing of more than a few of the more popular designs from our range of fittings, of which there are literally hundreds in stock.

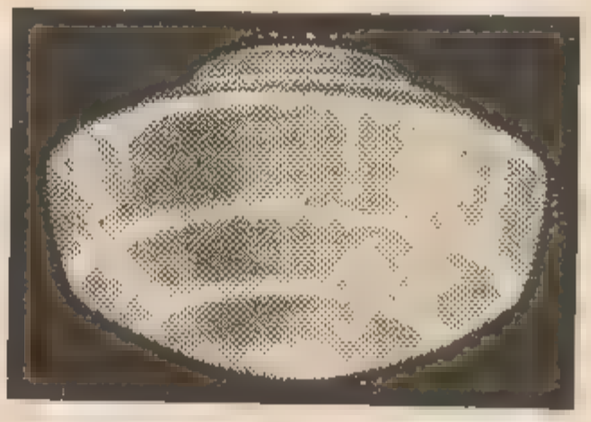
The newest designs, lovely in line and exquisite in colour, are always available and are being constantly added to as fresh shipments arrive.

If the particular design you require is not shown, ask us for it, we are certain to have it or can secure it for you.

Commercial Lighting Units suitable for Offices and Public Buildings.
E89. Fittings in Oxidized Copper and Florentine Bronze.

E92. SEMI-INDIRECT LIGHTING BOWL
Diam., 14".
Modern Design.

E95. CAST GLASS BOWL
"Prismatic"
Diam., 14".

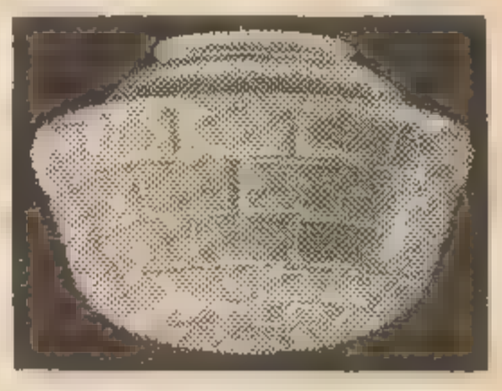


E93. OPAL ENCLOSED UNITS
10", 12", 14" and 16" Diam.

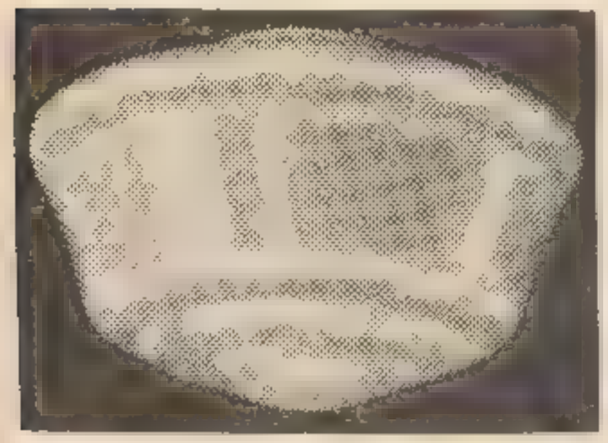
E96. SEMI-INDIRECT LIGHTING BOWL
Diam., 15".

E90.
SEMI-INDIRECT LIGHTING BOWL
Diam., 12" and 14".
Fitted with Gravity Hooks,
Chains and Canopy.

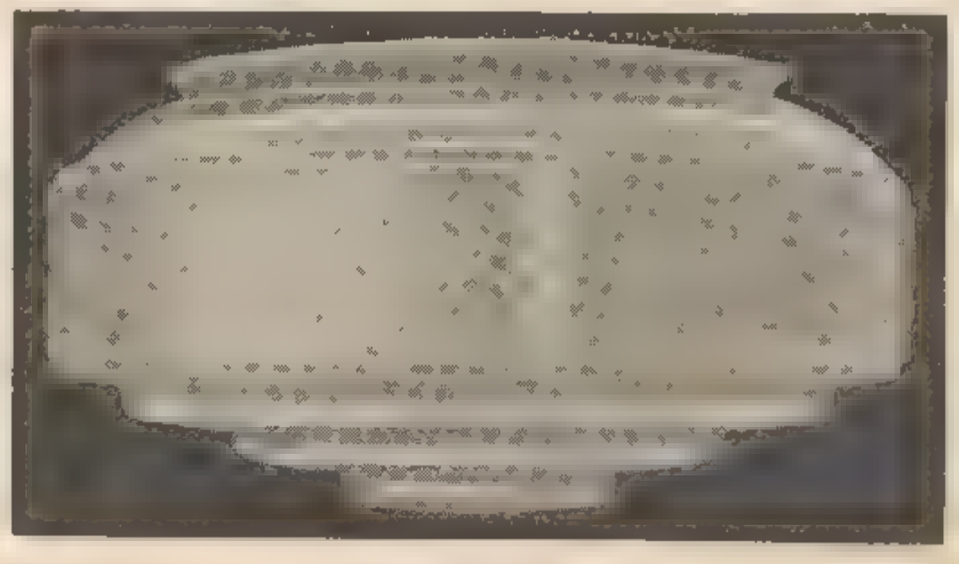
Good Fittings Deserve Good Globes
. . . Insist on NOX Electric LAMPS



E97. BATHROOM UNIT
With Tiled Effect.
Diam., 9". Fitter, 4".



E91. OPAL ENCLOSED UNIT
10", 12", 14" and 16" Diam.



E94. DOMESTIC BOWLS
Diam., 14".
Are available in a Wide Range of Colours and Decorative Treatment.

E98. ACORN FITTING
Diam., 8".

A FULL DISPLAY OF THE ABOVE FITTINGS TO BE SEEN IN OUR SHOWROOM

JOHN DANKS & SON PTY. LTD.
MELBOURNE AND SYDNEY

NEW VOGUE IN MODERN LIGHTING

Modern Units Featuring Prismatic Glass Removable Caps

E99.
CRYSTAL BASE UNIT

Diam., 10".
Length, 12½".
Fitter, 4".

Lamp Size,
100 to 150 Watt

E100.
CRYSTAL BASE UNIT

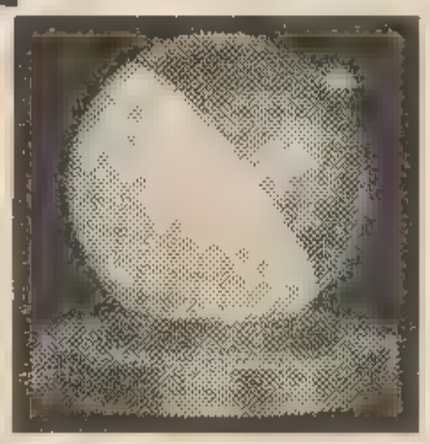
Diam., 14".
Length, 13
Fitter, 6"

Lamp Size,
150 to 200 Watt

E101.
CRYSTAL BASE UNIT

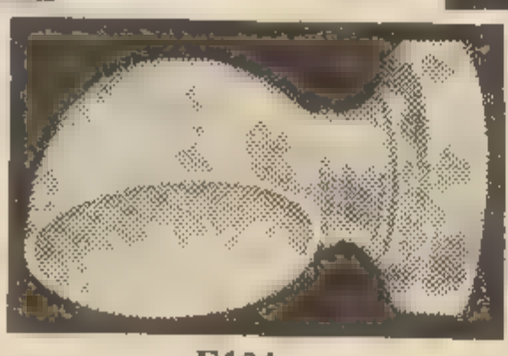
Diam., 12".
Length, 14".
Fitter, 4".

Lamp Size,
150 to 200 Watt



E102.
ACORN FITTING

Diam., 8"
Fitter, 4"



E103.
TABLE LAMP

Chrome Plated

Height, 8½"
Diam. of Base, 9½
Diam. of Ball, 8".

Also made with 6" Ball

E104.
ALL GLASS BRACKET
Projection, 8¼". Width, 5¼".

E105.
This Unit is specially suited for lighting Offices and Public Buildings.
Supplied with Oxidized Copper or Florentine Bronze Fittings.
Size: 14" and 16" Diam

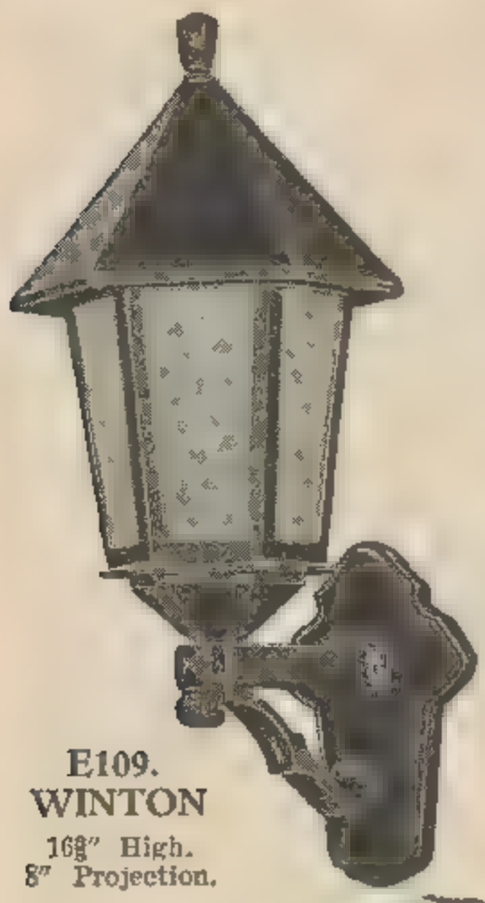
E106. ACORN FITTING Diam., 10". Fitter, 6".

E107.
FLAMBEAU SHADE
Diam., 5". Fitter, 3".

E108.
WALL BRACKET, CHROME PLATED
Length, 10½". Projection, 10½". Max. Diam., 5".

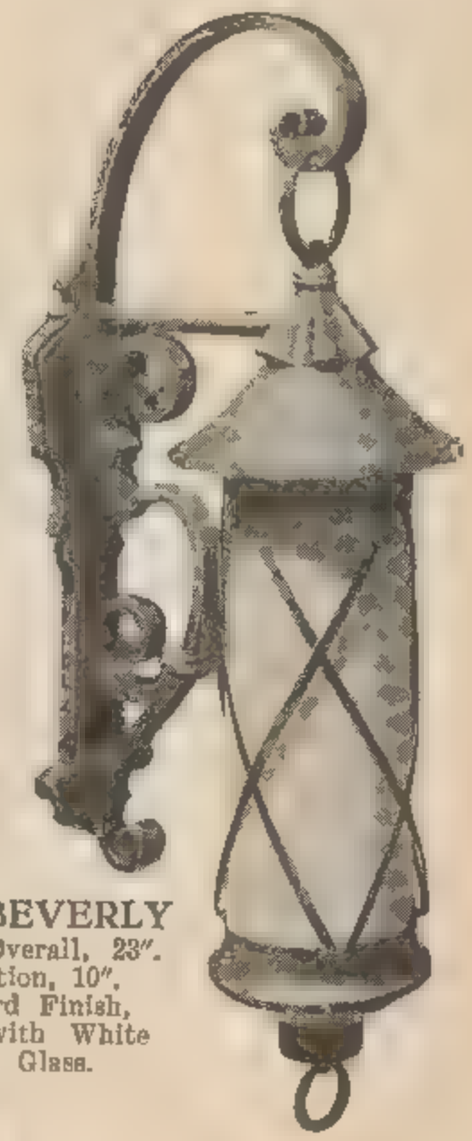
WE SPECIALIZE IN INDUSTRIAL AND DOMESTIC

KEMPTHORNE EXTERIOR LIGHTING EQUIPMENT



E109. WINTON
16⅝" High.
8" Projection.

E110. WALTON
Height, 12". Projection, 5¼". Standard Finish, Black.



E111. BEVERLY
Height Overall, 23".
Projection, 10".
Standard Finish,
Black with White
Opal Glass.

LIGHTED
WITH
NOX LAMPS
OF COURSE!

E112. IRIS (Exclusive)
Height, 12½". Projection, 8". Glass, Amber or Flashed Opal. Standard Finish, Black.

E113. YORK
Height, 10½".
Projection, 6½".
Glass,
Amber Cathedral.
Finish,
Armour Bright.

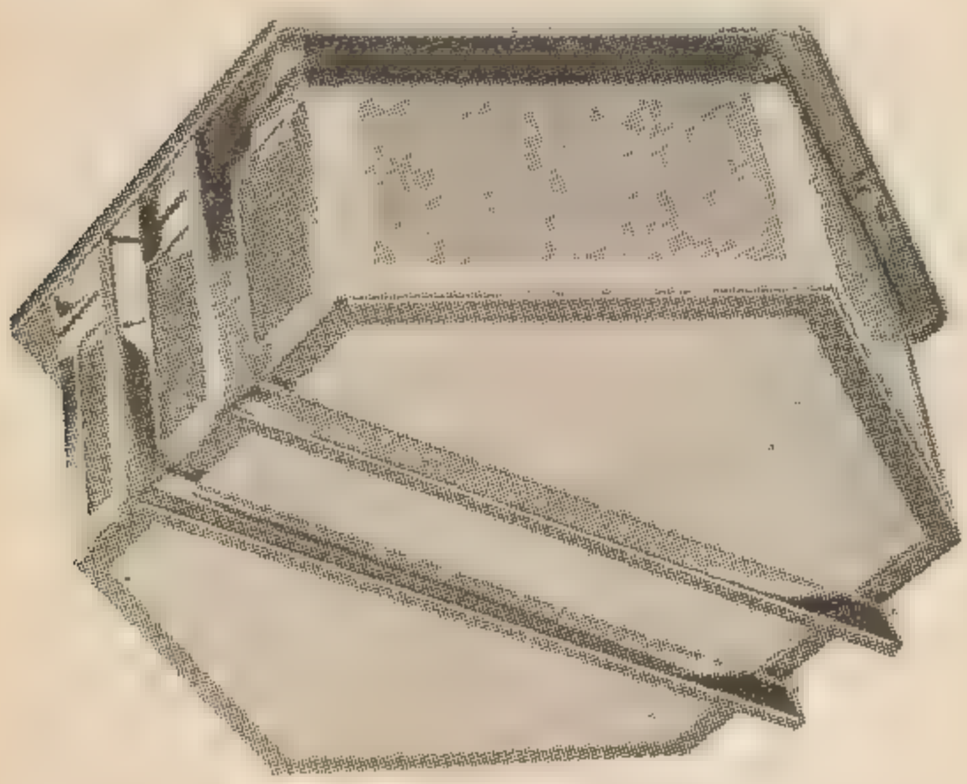
E114. LINCOLN
Height, 13". Projection, 8". Glass, Amber Crackle. Finish, Armour Bright.

E115.
PETER PAN
Height, 25". Projection, 12½".
Standard Finish, Black.

E116. DURHAM
Height, 13½". Projection, 8½".
Standard Finish, Black.

ALSO EXTERIOR LIGHTING —— WRITE TO US FOR DESIGNS

STARLYTE BOX FITTINGS



E117.
VENUS CEILING FITTING
Sizes: 15½" diameter with two fins.
All Box Fittings may be had in the following finishes:
Polished Chromium, Iridescent Gold and Silver Lacquer.
Glass: White or Amber Flashed Opal, White or Amber Sandblasted.

E118. **DELPHIC**
Overall Height: 28". Diameter: 17".
Glass: Amber. Finish: Ivory and Chrome.

E119.
TUDOR 5-LIGHT
Overall Height: 28". Spread: 21".
Glass: Amber Crackle. Finish: Armour Bright.

E120. **STARLYTE**
Overall Height: 28". Diameter: 16".
Glass: Amber or Peach. Finish: Ivory or Bronze.

Streamlined . . . Dependability . . . and real Economy . . that's

ElectrICE!

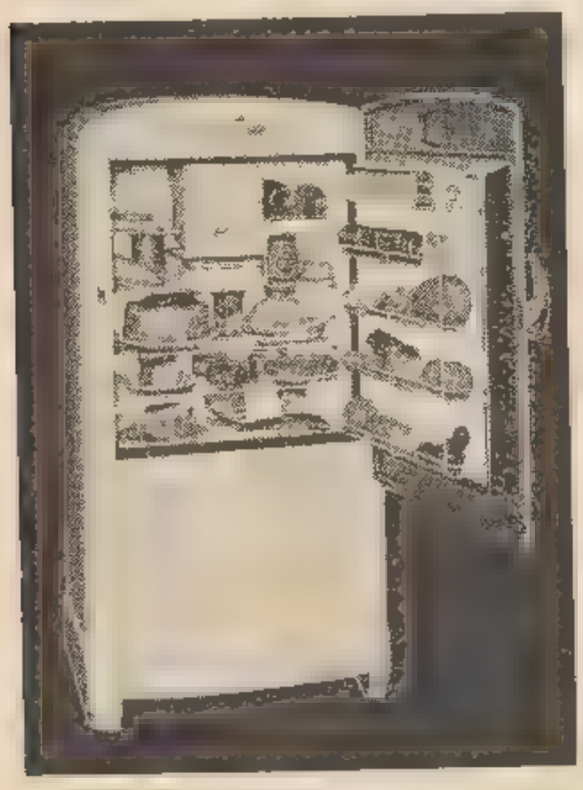
E121.
Height, $46^{13}/_{16}$ ins. Width, $23^{1}/_{16}$ ins. Depth, 21¼ ins. Approx. food storage capacity, 3.0 cu. ft. Shelf area, 5.0 sq. ft. Two single depth trays make 30 ice cubes per freezing. SPECIAL FEATURES include Cold Chest with meat grid; Cooling Chamber Door; Balloon-type Door Gaskets; "Economiser" Cold Control.

CHOOSE ELECTRICE . . .
the only refrigerator with
Economic . . .
Cold . . .
Control

E122.
Height, $49^{13}/_{16}$ ins. Width, $24^{9}/_{16}$ ins. Depth, 21¼ ins. Approx. food storage capacity, 4.0 cu. ft. Shelf area, 8.8 sq. ft. Two single depth trays make 30 ice cubes per freezing. SPECIAL FEATURES include Recessed "Quickshelf" Door; "Economiser" Cold Control; Automatic Interior Light; Cold Chest with meat grid; Cooling Chamber Door; Balloon-type Door Gaskets.

E123.
Height, $52^{11}/_{16}$ ins. Width, $26^{9}/_{16}$ ins. Depth, 24¼ ins. Approx. food storage capacity, 5.1 cu. ft. Shelf area, 11.9 sq. ft. Two single depth trays make 56 ice cubes per freezing. SPECIAL FEATURES include Recessed "Quickshelf" Door; "Economiser" Freezing Speed Control; Automatic Interior Light; Cold Chest with meat grid; Cooling Chamber Door; Removable Ice Tray Shelf; Flexo Cube Tray Insert.

DESIGNED AND BUILT BY CRAFTSMEN TO MAKE THEM THE MOST BEAUTIFUL AND EFFICIENT REFRIGERATORS YOU EVER SAW.



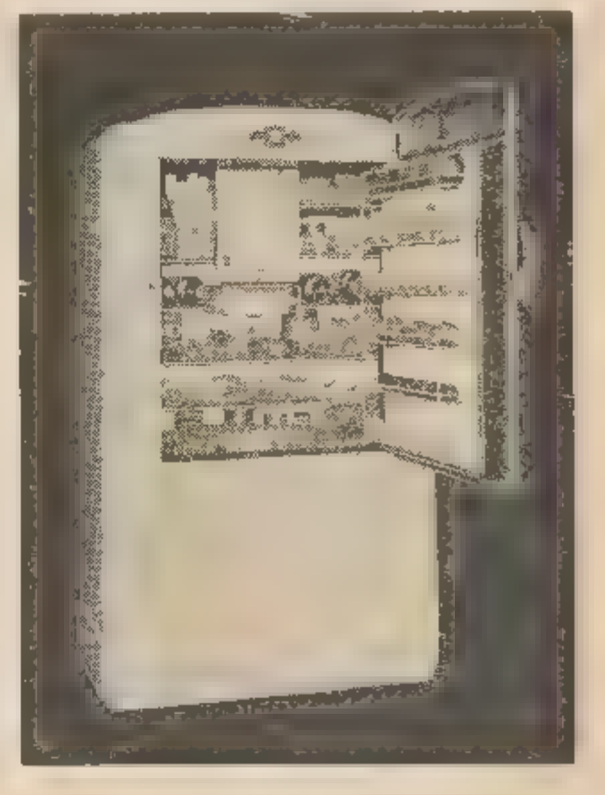
E124.
Height, $55^{11}/_{16}$ ins. Width, $29^{1}/_{16}$ ins. Depth, 24¼ ins. Approx. food storage capacity, 6.3 cu. ft. Shelf area, 14.2 sq. ft. One single depth and one double depth tray make 84 ice cubes per freezing. SPECIAL FEATURES include Recessed "Quickshelf" Door; "Economiser" Freezing Speed Control; Automatic Interior Light; Removable Ice Tray Shelf; Cold Chest with meat grid; Cooling Chamber Door; Flexo Cube Tray Insert.

Silent . . .

FITTED WITH INTERIOR LIGHT —
AUTOMATICALLY LIGHTING WHEN DOOR IS OPENED.

BUILT FOR AUSTRALIAN CONDITIONS.

DANKS
for
Everything Electrical



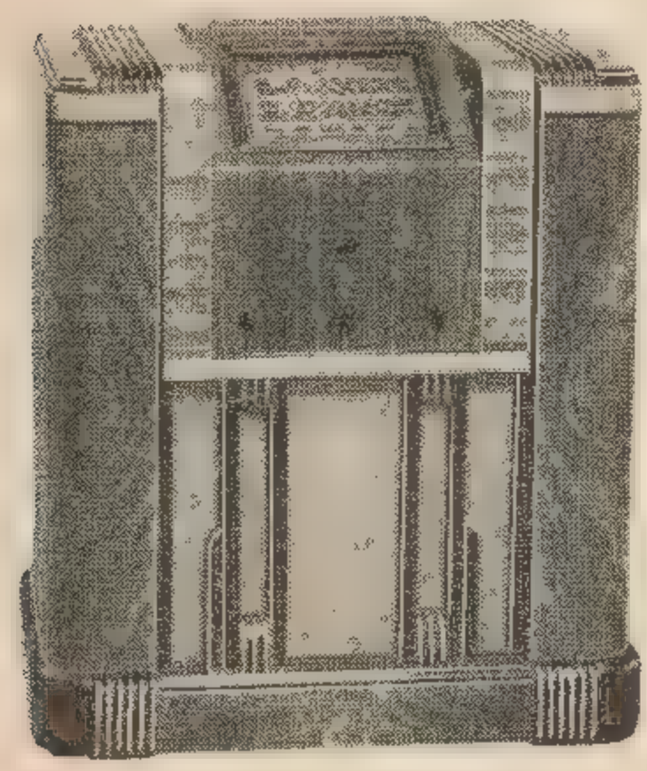
E125.
Height, $57^{9}/_{16}$ ins. Width, $34^{9}/_{16}$ ins. Depth, 24¼ ins. Approx. food storage capacity, 8.5 cu. ft. Shelf area, 18.4 sq. ft. Two single depth and one double depth tray make 112 ice cubes per freezing. SPECIAL FEATURES include Recessed "Quickshelf" Door; "Economiser" Freezing Speed Control; Automatic Interior Light; Cold Chest with meat grid; Cooling Chamber Door; Flexo Cube Tray Insert. Folding Tray Shelf.

"ELECTRICE" REFRIGERATORS A SUMMER NECESSITY. 100% AUSTRALIAN MADE

JOHN DANKS & SON PTY. LTD.
MELBOURNE AND SYDNEY

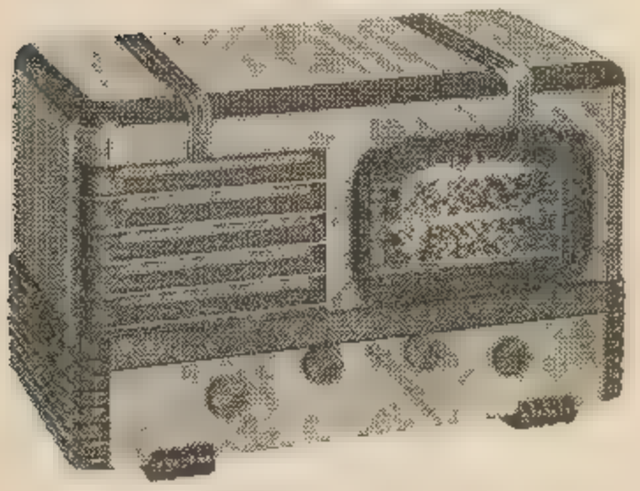
BREVILLE RADIOS

ELECTRIC - - BATTERY - - VIBRATOR - - HOME LIGHTING



VICTORY CONSOLE
34½" high, 31¼" wide, 14" deep.

LYRIC CONSOLE
34" high, 27¾" wide, 13" deep.



CAMEO MANTEL
11¾" high, 18¾" wide, 9¾" deep

ZIP BUTTON TUNING

Just press button — your station is automatically tuned in. This feature equipped on Models E129, E130, E131, E138, E146, E147

Breville gives you everything you demand—finer tonal qualities, superb workmanship, and modern style at the price you want to pay. Engineered by experts, Breville's outstanding performance is acclaimed faultless. Models are listed below and offer you a wide choice of receiver, both Broadcast (Australian stations) and Dual Wave (Australian and Overseas reception), in Electric, Battery, Vibrator or Home Lighting Plant types. And the model you choose can be supplied in any of the lovely Consoles shown here (for minor exceptions, see list below). This is a convenience exclusive to Breville.

One day you'll probably own a Breville—why not make it to-day?

ELECTRIC RECEIVERS

E126.—4 Valve A.C. Broadcast. **E127.**—5 Valve A.C. Broadcast. **E128.**—5 Valve A.C. Dual Wave. **E132.**—6 Valve A.C./D.C. Dual Wave. (All available in Cameo Mantel and Liberty, Lyric and Victory Consoles.) **E129.**—5 Valve A.C Dual de Luxe. **E130.**—6 Valve A.C. Dual de Luxe. **E131.**—8 Valve A.C. Dual de Luxe. (Available in Lyric, Liberty or Victory Consoles.) **E133.**—4 Valve A.C. Broadcast. **E134.**—5 Valve A.C Broadcast. (Both in Pick-Me-Up model with built-in loop.)

BATTERY RECEIVERS

(Using Dry "A" and "B" batteries. **E135.**—4 Valve Broadcast. **E136.**—5 Valve Broadcast. **E137.**—5 Valve Dual Wave. (These three available in Cameo, Lyric, Liberty or Victory.) **E138.**—7 Valve Dual Wave in Lyric, Liberty or Victory Consoles.

PORTABLE MODELS

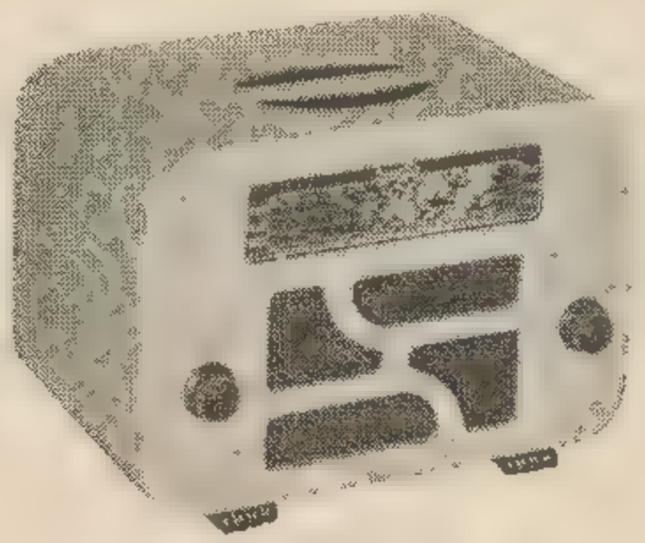
E139.—4 Valve, Battery operated. **E140.**—5 Valve, Battery. **E141.**—5 Valve, Battery or A.C. Electric. **E142.**—6 Valve, Battery or A.C. Electric. (All Broadcast types, in handsome portable case.)

VIBRATOR

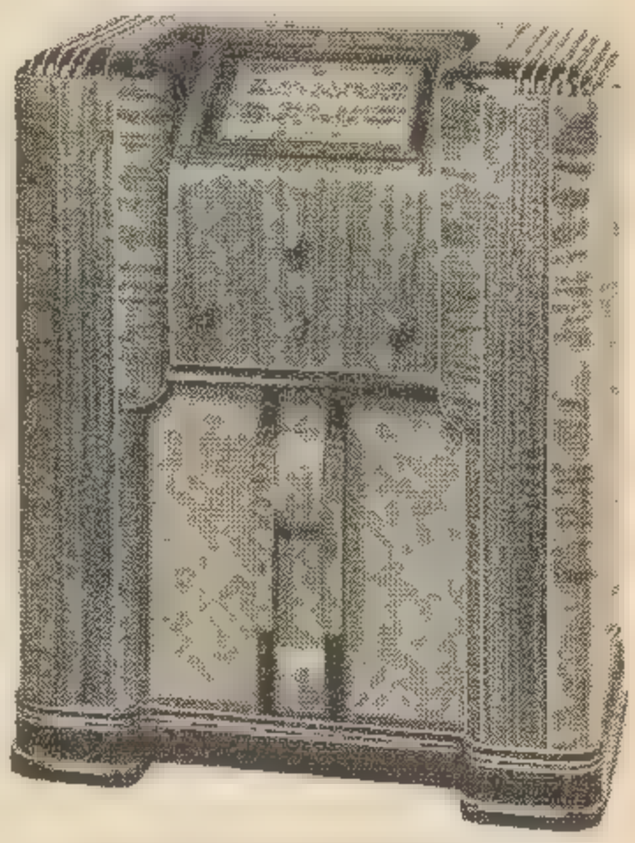
(Using 6 Volt Accumulator—no "B" Batteries.) **E143.**—4 Valve Broadcast. **E144.**—5 Valve Broadcast. **E145.**—5 Valve Dual. (All available in Cameo, Lyric, Liberty or Victory.) **E146.**—7 Valve Dual Wave in Lyric, Liberty or Victory.

HOME LIGHTING PLANT RADIOS

(All Electric — just plug in to your Home Lighting Plant.) **E147.**—5 Valve Dual Wave in Lyric, Liberty or Victory.



PICK-ME-UP
8" high, 11" wide, 7½" deep.

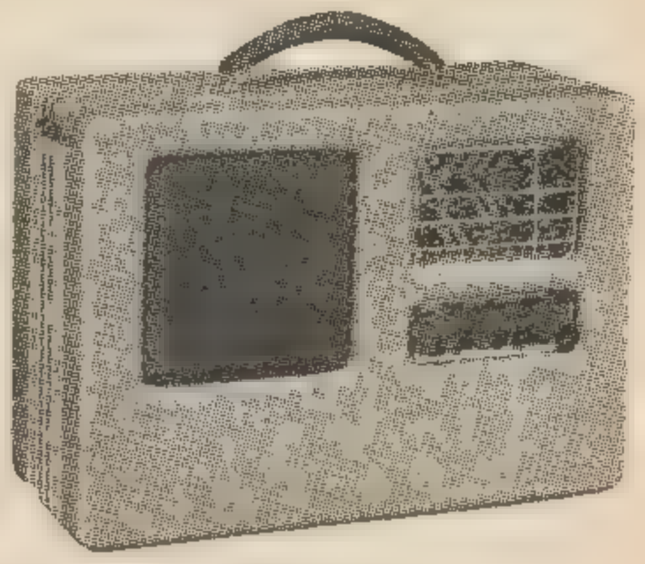


LIBERTY CONSOLE
34¾" high, 29¼" wide, 13½" deep.

HOME LIGHTING PLANT RADIOS

If you maintain your own home lighting plant, you'll be interested in Model E147, a 5 Valve Dual Wave Receiver specially designed to work off your home lighting plant. Adjustable to various voltages and available in Lyric, Liberty or Victory Consoles - - Write for fuller details.

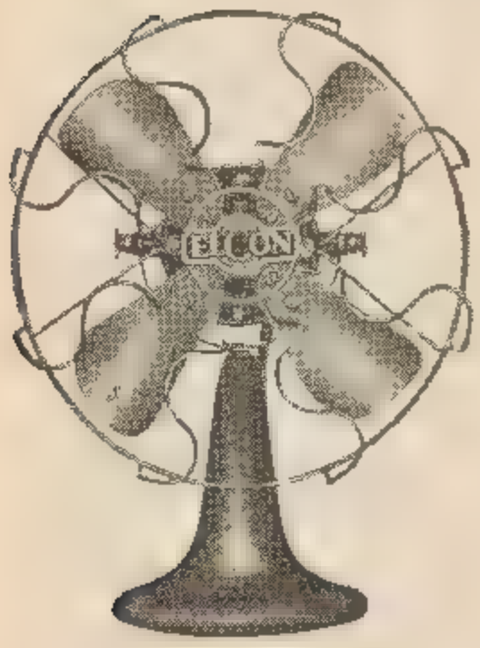
FOR RADIO BATTERIES SEE PAGE 75



PORTABLE
13½" wide, 9¾" high, 5½" deep.

DANKS FOR BREVILLE RECEIVERS "EVENTUALLY" —— WHY NOT NOW?

NON-OSCILLATING **ELCON** AND OSCILLATING



E148.

STANDARD ELECTRIC FANS

As Supplied to the Commonwealth Government

Non-Oscillating Induction Motors — **WALL OR DESK TYPE** — **Oscillating Induction Motors**

Standard Finishes: All Brown, Green, with Brass Blades and Guard.
Special Finishes Extra

E149.

EXHAUST FANS

E150.

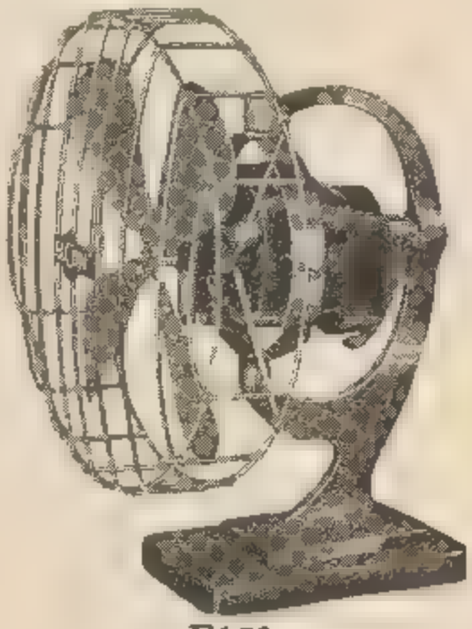
Port-hole Exhaust Fans For Light Duty Work

Standard Finish:
Black Stove Enamel with Blades in Red.
With the exception of P.H. and P.N. Types, all Port-hole Fans are fitted with grease packed ball bearings
VENTILATED COMMUTATING MOTORS.

E151.

For Heavy Duty Work

Standard Finish:
Black Stove Enamel with Specially Formed Blades in Red.
All Elcon Heavy Duty Exhaust Fans are fitted with grease packed ball bearings.
VENTILATED COMMUTATING MOTORS.



E152.

TABLE TYPE GYRATIC FANS

Induction Motors

Standard Finishes:
Black and Chrome.
Ivory and Chrome.
Pastel Green and Chrome.
Special Finishes Extra.

D & A NKS

STOCKED BY MELBOURNE AND SYDNEY

CEILING FANS

E153.

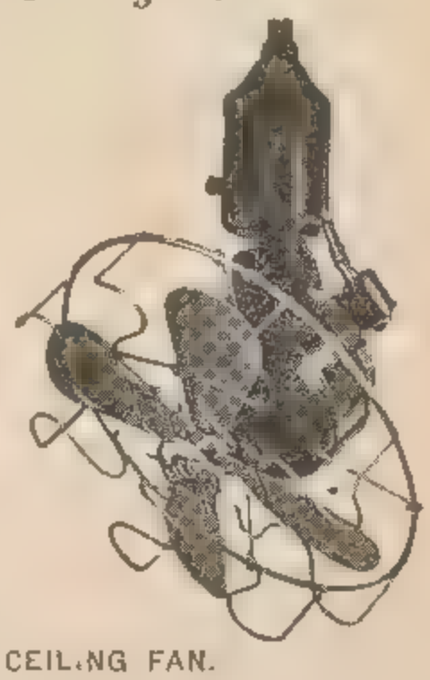
ENCLOSED INDUCTION MOTORS

Standard Finish:
Black with Three Polished Aluminium Blades.
Standard Suspension Rods: 24" and 36".
Elcon Ceiling Fans are supplied with a combination Ceiling and Three Plate Connector for direct mounting to Wood or Concrete.
Fitted with grease packed ball bearings.

E154.

Revolving Ceiling Fans

Standard Finish:
Black, Brass Blades and Guard.
Special Finishes Extra
Angle of Fan, 45°.
Totally Enc. Gears.
Sleeve Bearings with Wick Lubrication for 12" Type only.
Standard Suspension Rods: 36" and 48".
Special Lengths can be supplied.
Ceiling Plate as with 3 Blade Ceiling Fan.



GYRATIC CEILING FAN.
VENTILATED COMMUTATING MOTORS.
NEW MODEL.

"ELCON" FANS FOR ALL PURPOSES -- WHOLLY AUSTRALIAN MANUFACTURE

JOHN DANKS & SON PTY. LTD.

MELBOURNE AND SYDNEY

Heralding the World's Light

HAMMOND ELECTRIC CLOCKS

Correct Time

E155. Parkway
Height: 6⅞".
Depth: 2¼".
Colours: Ivory, Green, Red.

E156. Stewardess
Height: 5½".
Width: 6¾".
Depth: 2".
Colours: Ivory, Green, Red, Black.

From Your Power-Point For All Time

—

DOMESTIC OR INDUSTRIAL TYPES

E157. Picardy
Height: 5¾".
Width: 5¾".
Depth: 2".
Colours: Ivory, Green, Red, Black, Chrome.

E158. Cathay
Height: 4½".
Width: 3⅞".
Depth: 2¼".
Colour: Ivory.

The "EXPRESS" ELECTRIC VACUUM CLEANER

DE-LUXE

E159. PATENTED

Prolongs the life of Carpets and Rugs — DISINFECTS as it cleans.

Complete home cleaner. Accessories all lock together. Designed to give maximum cleaning with minimum of labour; and is designed to enable it to work under BEDS and LOW FURNITURE with equal efficiency.

NO STRAINING TO MOVE HEAVY ARTICLES.

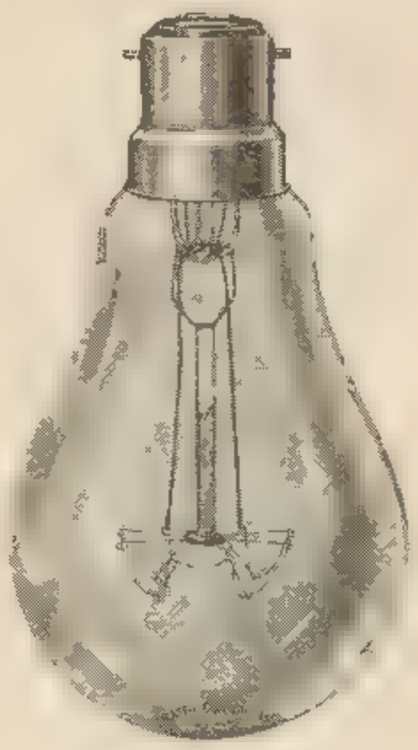
NO OILING

E160.
THE "EXPRESS" STANDARD MODEL
is fitted with Steel Skids instead of Roller Undercarriage.

NOX ELECTRIC LAMPS

GASFILLED CLEAR LAMPS
15 to 500 Watts

PEARL
15 to 150 Watts



ALSO

STANDARD VACUUM LAMPS
15 and 25 Watts
A clear white light equal to daylight.

DAYLIGHT GASFILLED LAMPS
40 to 200 Watts

HEAVY DUTY VACUUM
Traction Filament Lamps
40 to 60 Watts

ALL LAMPS AVAILABLE IN B.C. OR EDISON SCREW CAPS.

We are Sole Agents in Australia for NOX Lamps.

MADE IN ENGLAND

ALWAYS THINK "DANKS" FOR ELECTRICAL APPLIANCES

STAN-MOR DRY BATTERIES

E168.
1.5 Volt Standard
Round Battery

E166.
3 Volt Junior
2 Cell
Round Battery

E167.
1.5 Volt Intermediate
Torch Battery

E165.
Heavy Duty and Triple Radio "B" Batteries
45 and 65 Volt, Upright Type

E169.
4.5 Volt Flat
Torch Battery

E170.
Radio "C" Batteries
Heavy Duty 4.5 V., Upright
Light Duty 15-9 V., Upright

E171.
1.5 Volt Standard
Dry Cell

V.I.R. WIRES AND CABLES

We are distributors of :-

J. & P. C.M.A. WIRES AND CABLES

Made by JOHNSON & PHILLIPS
CHARLTON, LONDON

•

Callender C.M.A. (Regd.) CABLES

Made and Tested in England in accordance with the Standards and Formula of the Cable Makers' Association.

Olympic

WIRES

SINGLE CORE
TAPED AND BRAIDED
250 V. GRADE

Manufactured in Australia according to British Engineering Standard Specification and approved by **State Electricity Commission of Victoria.**

INSULATED AND BARE CABLES -- ALL SIZES AVAILABLE AT DANKS

"RING-GRIP" CONDUIT FITTINGS, ETC.

"RING-GRIP"

E172.
ELBOWS
Fixed Reversible Rings.
½", ⅝", ¾", 1".

SADDLES, CLIPS, BUSHES

"RING-GRIP"

E174.

"RING-GRIP"

E175.

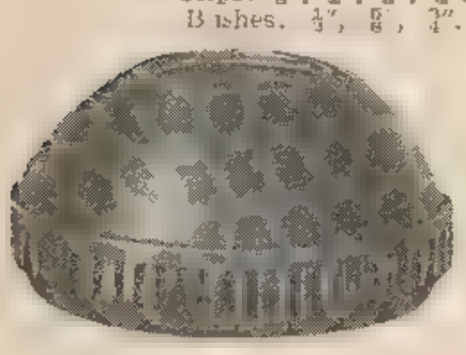
Saddles: ½", ⅝", ¾", 1", 1¼", 1½".
Clips: ⅝", ½", ⅝", ¾".
Bushes. ½", ⅝", ¾".

"RING-GRIPS

E176.
TEES
Reversible Rings also available.
½", ⅝", ¾", 1".

"RING-GRIP"

E173.
FOUR WAY PIECES
⅝".



E177.
INSULATED BELL MOUTHS
⅝", ¾", 1".

E178.
GRID COUPLINGS and REDUCER COUPLER
Make a Joint as strong as a Conduit.
½" to ⅝", ⅝" to ¾", ¾" to 1".

"RING-GRIP"

Stocked by Melbourne House

"RING-GRIP" LAMP HOLDERS

RING-GRIP

E179.
B/C. CORD GRIP HOLDER
For 2.3 Pin Lamps.

"RING-GRIP"

E180.
EDISON SCREW BATTEN HOLDER

"RING-GRIP"

B/C. BATTEN HOLDER
For 2 and 3 Pin Lamps.

E182.

"RING-GRIP"

E181.
EDISON SCREW CORD GRIP HOLDERS

"RING-GRIP"

E184.
EDISON SCREW SCREWED TOP HOLDERS

E185.
SHOCK PROOF SHIELDS FOR B/C. HOLDERS

"RING-GRIP"

"RING GRIP"

E183.
B/C. SCREW TOP LAMP HOLDER
For 2 and 3 Pin Lamps.
Brass Thread: ½", ⅝", ¾".
Conduit Thread: ½", ⅝", ¾".

ACCESSORIES . . .

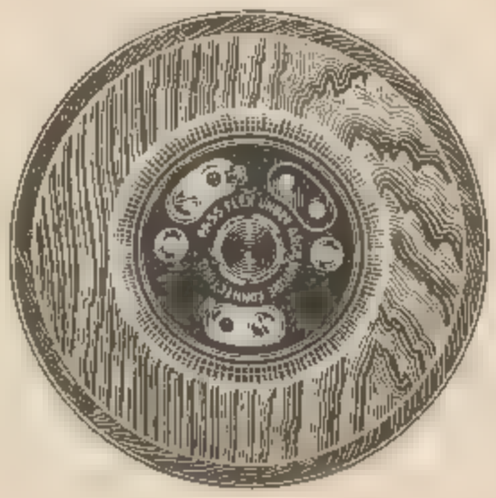
"RING GRIP"

E186.
B/C. ADAPTERS

RING-GRIP"

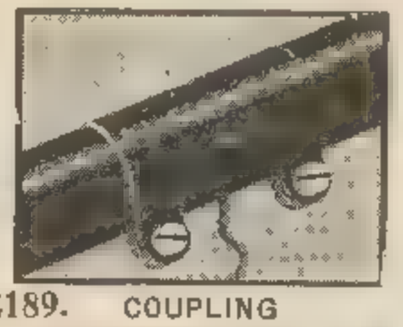
E187.
POWER OUTLETS
10 amp.
3 Flat Pin.
Tops and Bases may be had separately.

E188.
CEILING ROSE AND ROUND WOODEN BLOCKS

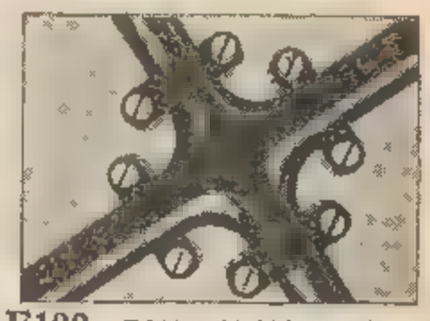


"F.G.S.", "ARCH.", "T. & S." AND "ACME" CONDUIT GRIP FITTINGS

NOT STOCKED IN MELBOURNE
See Ring Grip Section on Left



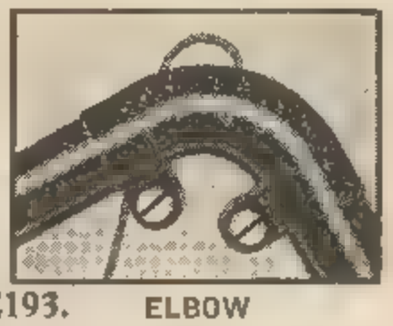
E189. COUPLING



E190. FOUR WAY PIECE

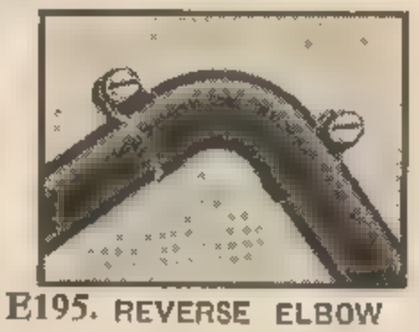
E191. TEE

E192. INSPECTION TEE



E193. ELBOW

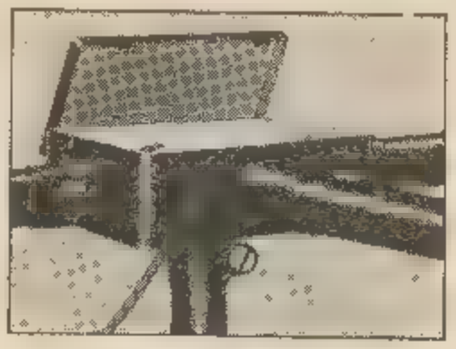
E194. INSPECTION ELBOW



E195. REVERSE ELBOW

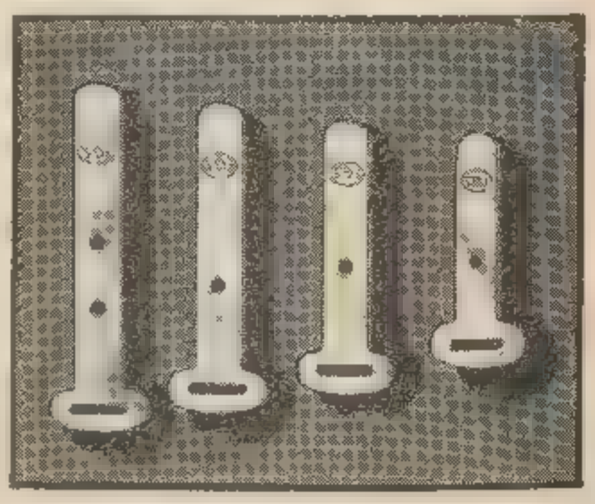
Black Enamelled or Galvanized.
⅝" to 2".

ALSO SADDLES, CLIPS AND BUSHES.



E196. JUNCTION BOX
Sizes. From ⅝" up.

E197.
Sizes:
M.C. 1
M.C. 2
M.C. 3
M.C. 4



FIXING CLIPS FOR LEAD CABLE

"RING-GRIP"

E198.
CEILING ROSES
Fitted with a very effective Cord Grip. Designed to take Cab Tyre Flex.

E199.
CEILING ROSES
FLUSH TYPE
2-Plate, 3-Plate, 4 Plate.

"RING-GRIP" QUALITY SWITCHES

RING-GRIP"
E200.

5 AMP. SURFACE SWITCHES
Roller and Rocket Types.

"RING-GRIP"
E201.

RING-GRIP"
E202.
10 AMP. S.P. 1-WAY SURFACE TYPE SWITCHES

"RING-GRIP"
E203.
5 AMP. SEMI-RECESSED SWITCH

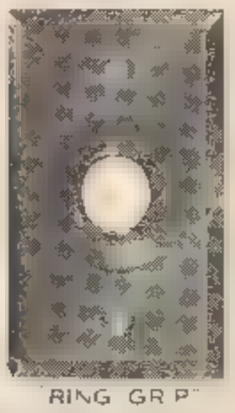
RING GRIP
E204.
5 AMP. S.P. INDUSTRIAL SWITCH
Roller Type.

"RING-GRIP"
E205.
5 AMP. S.P. CEILING SWITCHES
Also in 2-Way.

"RING-GRIP"
E206.
10 AMP. DOUBLE POLE SWITCH

"RING-GRIP"
10 AND 15 AMP. S.P. SURFACE SWITCHES
E207.

"RING-GRIP"
E208.
LINKED SWITCHES
Coupled for Double Pole.



RING GRIP
E209.
RECESSED FLUSH PLATES
For Round Dolly Flush Switches
$4^{9}/_{16}$" x 2¾".

"RING-GRIP"
E210.
FLUSH RECEPTACLES
$4^{9}/_{16}$" x 2¾".

A LARGE RANGE OF FLUSH PLATES AND SWITCHES AVAILABLE

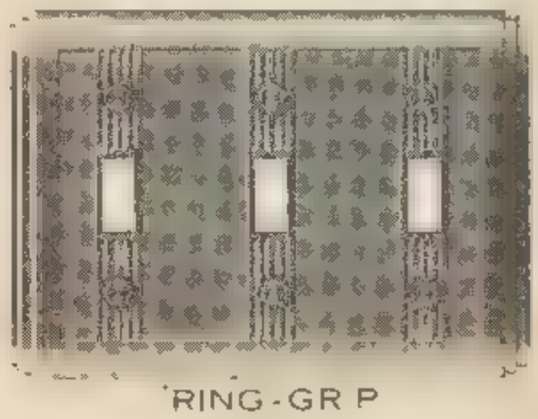
MINIATURE ARCHITRAVE FLUSH SWITCHES

E211.
3 AMP. SINGLE POLE

"RING GRIP"
Made in Brown and White.

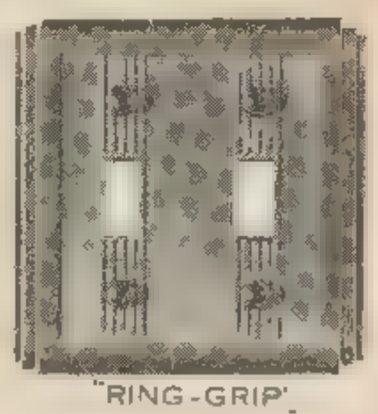
Side View of Switch.

MODERNISTIC FLUSH SWITCH PLATES



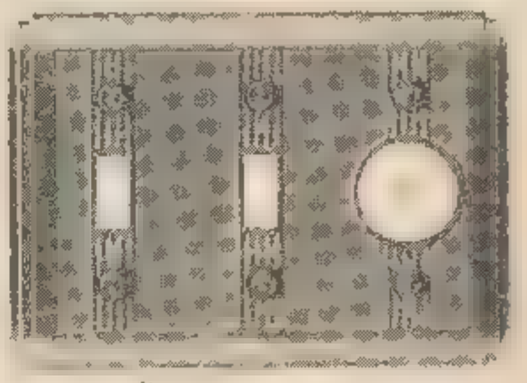
"RING-GRIP
E212.
WALNUT, 6¼" x 4½".
WHITE, 6¼" x 4½".

RING-GRIP
E213.
WALNUT, 4½" x 2¾".
WHITE, 4½" x 2¾".

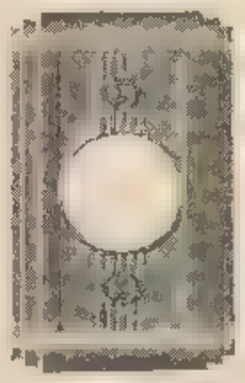


"RING-GRIP"
E214.
WALNUT, 4½" x 4½".
WHITE, 4½" x 4½".

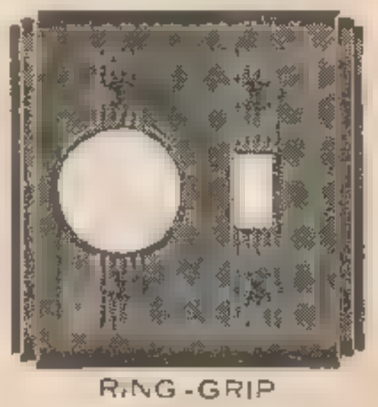
WALL PLUG AND SWITCH COMBINATION PLATES



"RING-GRIP"
E215.
WALNUT, 6¼" x 4½".
WHITE, 6¼" x 4½".



"RING GRIP
E216.
WALNUT, 4½" x 2¾".
WHITE, 4½" x 2¾".



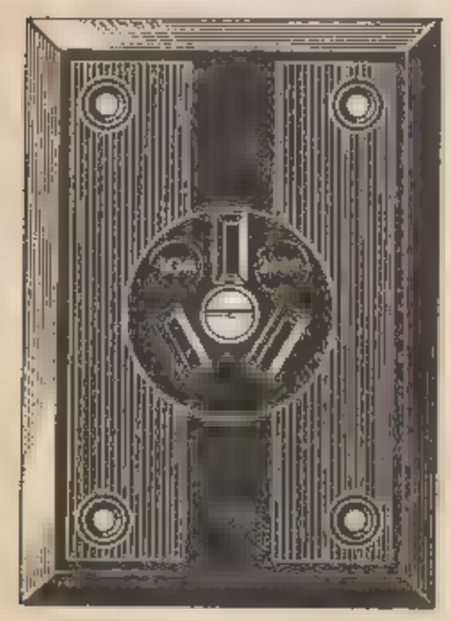
RING-GRIP
E217.
WALNUT, 4½" x 4½".
WHITE, 4½" x 4½".

DANKS CAN SUPPLY THEM ALL

JOHN DANKS & SON PTY. LTD.

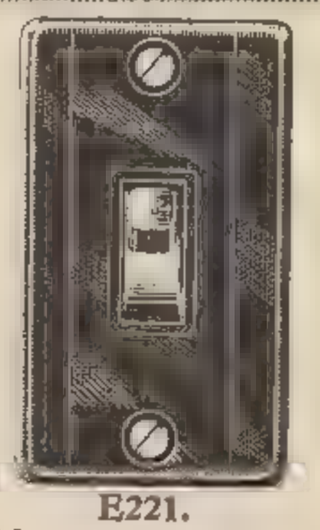
MELBOURNE AND SYDNEY

CLIPSAL EFFICIENT ELECTRICAL FITTINGS



"CLIPSAL"

E220. FLUSH RECEPTACLES
10 Amp., 3 Flat Pins.
In Brown and White.



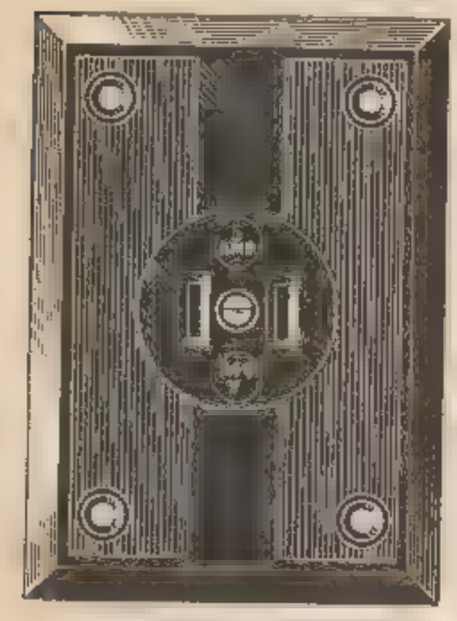
E221.
PONY FLUSH SWITCH
5 Amp., Single Pole.
Complete with Flush Plate.
In Walnut and White.

"CLIPSAL"

E222.
PONY FLUSH PLUG
5 Amp., 2 Flat Pins.
In Walnut and White.

CLIPSAL

AMERICAN TYPE FLUSH RECEPTACLES
2 Flat Pins.
In Brown and White



"CLIPSAL"

E224. FLUSH RECEPTACLES
10 Amp., 2 Flat Pins.
In Brown and White.

CLIPSAL

E225.
FLUSH SWITCHES
Mount directly into a Round Hole.
In Brown and White.

"CLIPSAL"

E226.
POWER OUTLETS
10 Amp., 2 Flat Pins.
In Brown and White.

"CLIPSAL"

E227.
POWER OUTLETS
10 Amp., 3 Flat Pins.
In Brown and White.

CLIPSAL

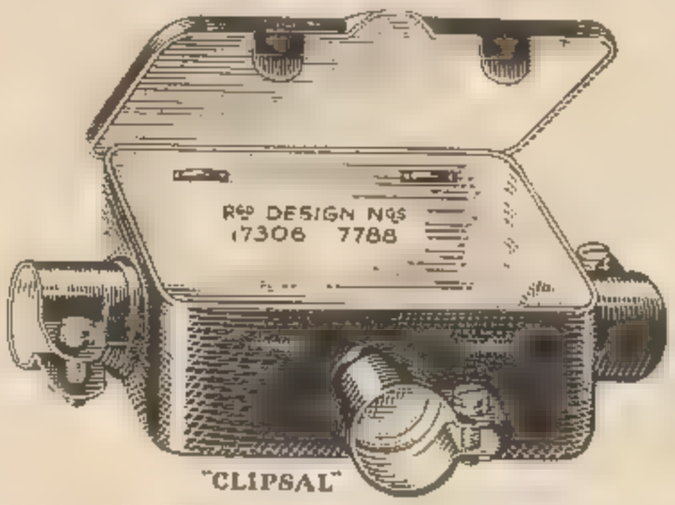
E228.
AMERICAN TYPE FLUSH RECEPTACLES
3 Flat Pins.
In Brown and White

"CLIPSAL"

E229.
BELL MOUTHS
Screwed Type.
Sizes: ⅝", ¾", 1".

"CLIPSAL"

E230.
METAL BOXES
For Flush Switches and Plugs.
Single and Two Gang.
⅝" Single Conduit Entry.

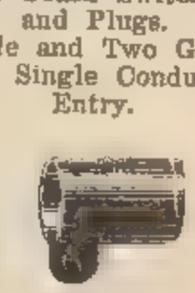


"CLIPSAL"

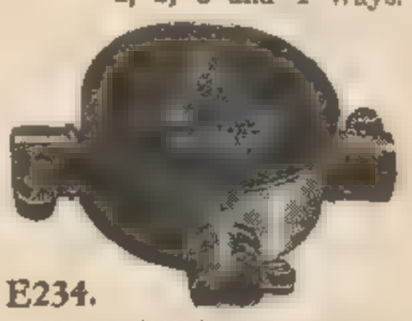
E231. OBLONG JUNCTION BOXES
Sizes: ⅝" and ¾".
1, 2, 3 and 4 Ways.

CLIPSAL

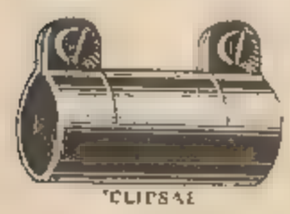
E232.
BELL MOUTHS
Grip Type.
Sizes: ⅝", ¾".
Straight and Elbow.



E233.
GRIP REDUCERS
Sizes: ⅝"-½", ¾"-⅝", 1"-¾", 1¼"-1", 1½"-1¼", 2" 1½".



E234.
ROUND JUNCTION BOXES
Sizes: ⅝", ¾".
1, 2, 3 and 4 Ways.



CLIPSAL

E235.
GRIP COUPLINGS
Sizes: ½", ⅝", ¾", 1", 1¼", 1½", 2".

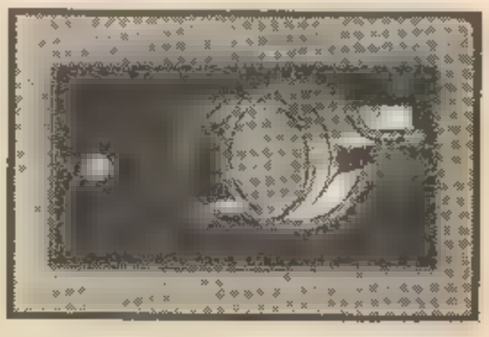
E236. GRIP TEES
Sizes: ½", ⅝", ¾", 1", 1¼", 1½", 2".

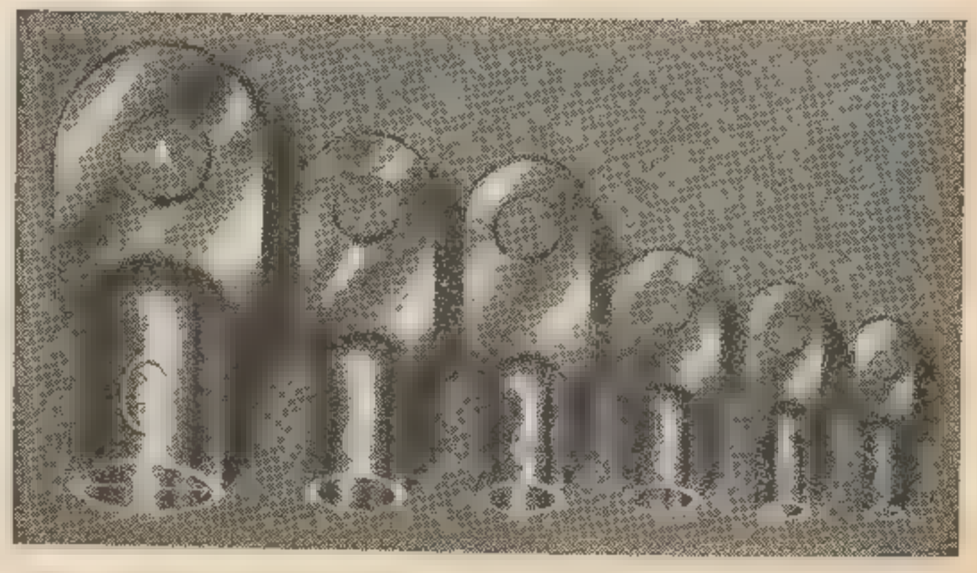
E237. GRIP ELBOWS
Sizes: ½", ⅝", ¾", 1", 1¼", 1½", 2".
Also REVERSE ELBOWS
(Inspection Type.) Size: ⅝".

F.G.S. FITTINGS

ONLY STOCKED BY OUR SYDNEY HOUSE

E238.
EARTH CLIPS
Sizes: From ⅝" to 2".





E239. CABLE LUGS F.G.S. TINNED
Sizes: 15, 30, 60, 100, 150, 200 Amps.

WRITE TO US STATING YOUR REQUIREMENTS FOR SWITCH GEAR

BIG SIX

MAKES A SINGLE WIRE — PLAIN OR BARBED —

Positively Stockproof

AND IS ACTUALLY SAFER THAN AN ORDINARY FENCE

E240.

- EXCLUSIVE FEATURES
- Absolutely harmless to Animals or human beings.
- One "Big Six" Charger controls up to 25 miles of fencing.
- Adjustable for three different strengths of sting — Dry, Normal or Wet Weather.
- The new and improved **BIG SIX** excels every other type of Electric Fence Charger—because of its **Compact efficiency and dependability.**
- No farm too small, no station too large, to benefit from this gigantic boon!
- **BIG SIX,** the last word in economical efficiency.

No electrical or mechanical experience is necessary. Simply connect the wires to the battery terminals, one to an earth pipe; the other, as shown, is the fence wire.

E241.
VESTA "ELECTRIC" FENCER BATTERY

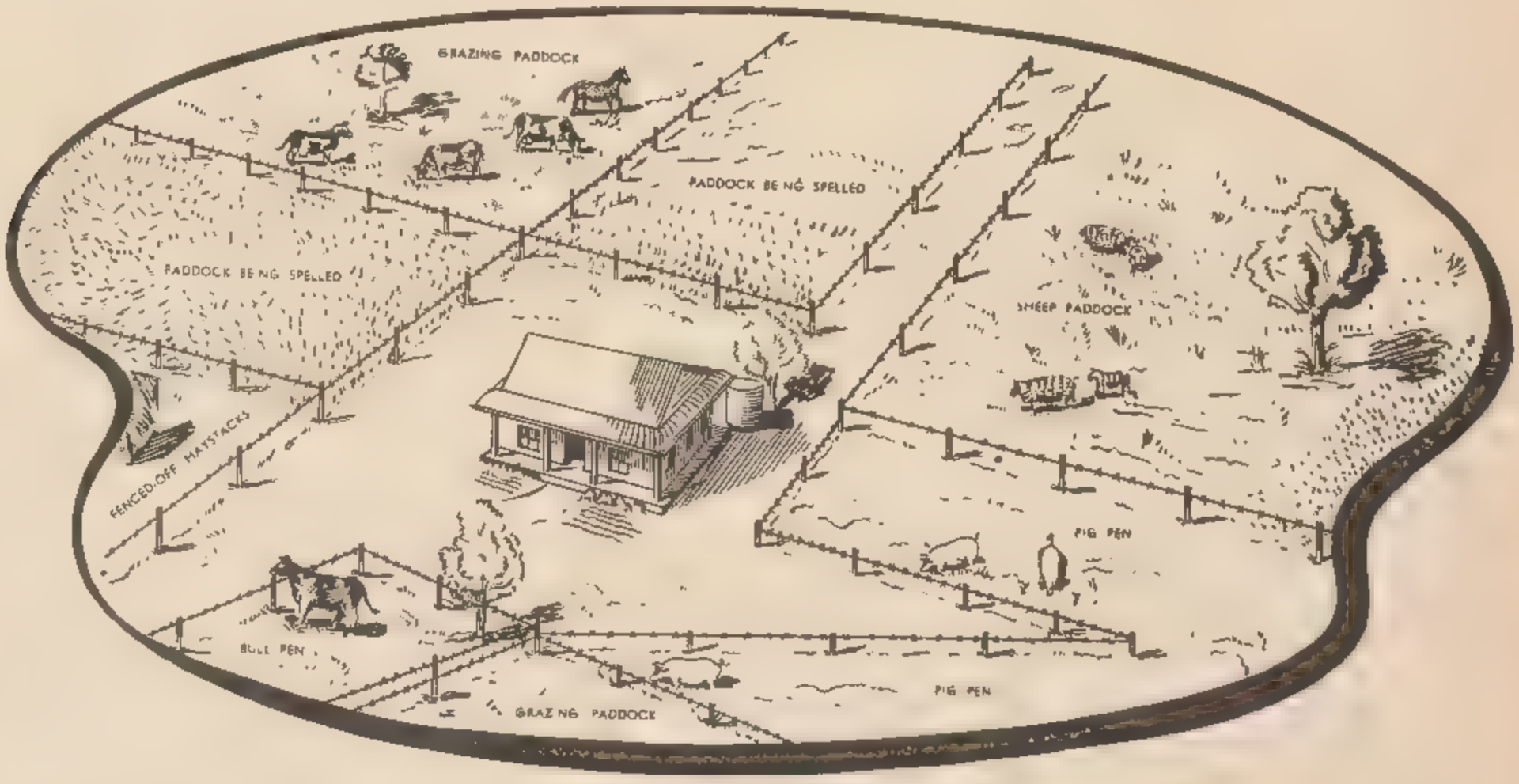
Vesta has designed a special battery—type 6FC5—expressly made for use with the "BIG SIX" Electric Fencer. Just the right size and capacity to give absolute satisfaction and years of good service to this popular "fence charger."

There is no better battery for the job—nothing more economical . . . in first and operating costs.

Vesta type 6FC5 has super-thick poro-hard plates to offset self-discharge losses and a specially mixed low gravity electrolyte to minimize sulphation.

This battery will only need recharging every eight weeks, and should give four or more years' highly satisfactory service.

This simple plan illustrates how easily any or all sections of a farm can be made stockproof with an electric fence without gates, all operated from the same charger. It is advised: One low wire for pigs; one high wire for cattle and horses; two wires for sheep.



To Save Fencing Costs, Install a "Big Six" — — — — — — We are Sole Distributing Agents for Victoria

"WHITE ROSE"
Domestic Boiler

USEFUL INFORMATION

RECOGNITION of the necessity of an adequate Hot Water Service has become more and more evident during recent times, and whether a building be one for investment purposes or a private residence, the comfort and low cost of upkeep of a slow-combustion "White Rose" boiler system ensures a well-worth-while return in service and satisfaction.

"White Rose" Domestic Boilers have been designed especially for hot water services and for burning coke or wood on the slow-combustion principle. They require little attention, and in addition to new installations, can be connected to existing systems, replacing units where heat has been supplied by gas or electricity. They also have been frequently installed to replace the old-fashioned boot or range system.

Efficiency.—"White Rose" Domestic Boilers are provided with complete draught control, which enables the fire to be burned fast or slow as desired. The water is contained in a jacket completely surrounding the fire, which ensures high efficiency.

Economy.—When the cost of gas, electricity, briquettes and oil are compared with the cost of coke burned on the slow-combustion principle, it will be realized why a more abundant supply of hot water at lower maintenance cost can be provided by the "White Rose" Boiler, than from a system heated by gas or electricity.

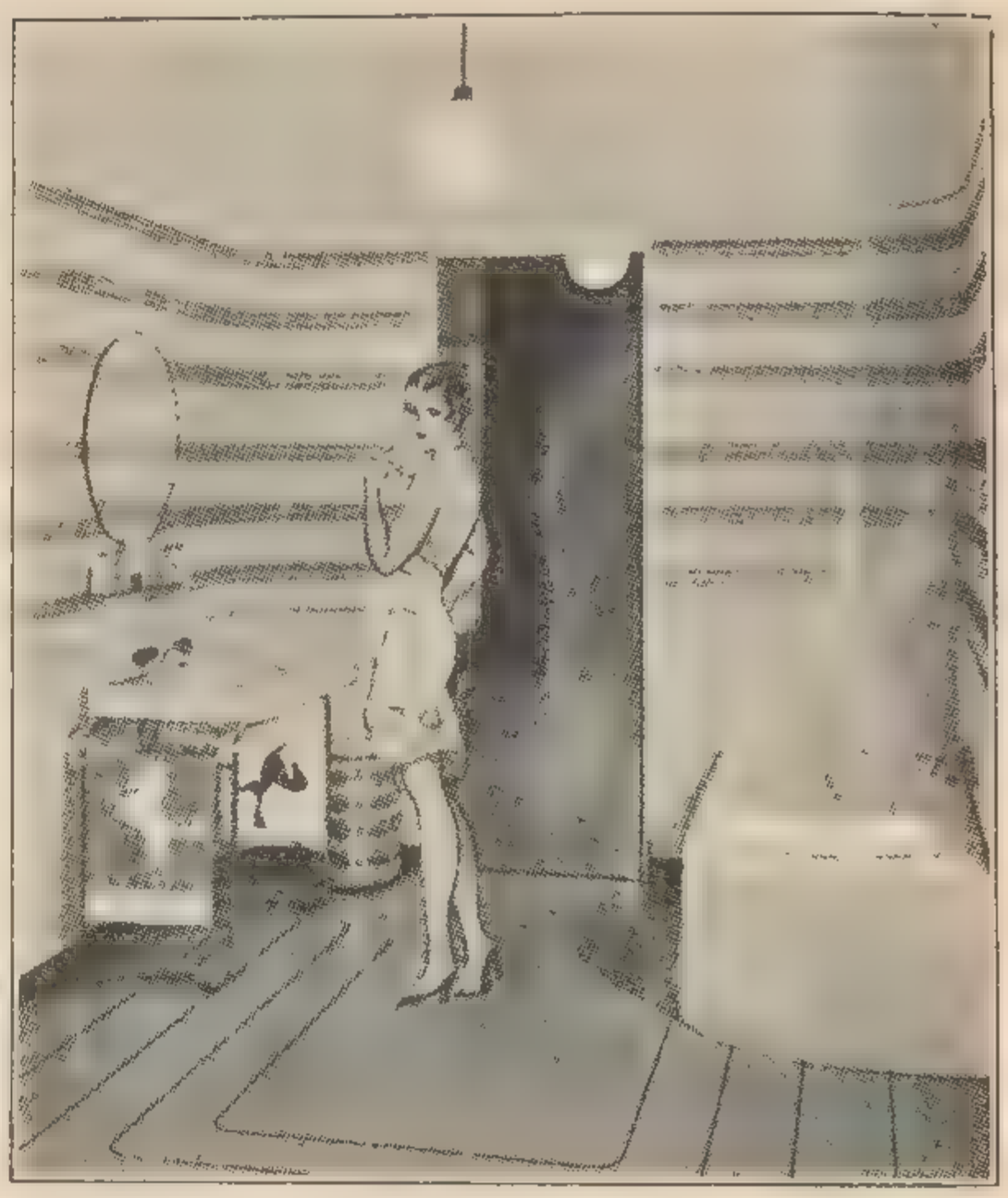
Cleaning.—The boilers are provided with access for cleaning. Openings over the waterways enable all internal surfaces to be cleaned. Openings on the bottom of the water jacket permit removal of any sediment. If water containing a large proportion of lime is used, as is necessary in some districts, the boiler should be cleaned out periodically. The interval can be determined by the extent of lime deposit occurring in the first few months after the service is put into use.

Soft Water Districts.—In most cases throughout this country the water is of a soft nature, or contains vegetable or mineral acids which it is advisable to guard against by the use of the rustless cast iron boiler.

"White Rose" Rustless Domestic Boilers.—In most parts of the State the water used contains quantities of foreign matter which cause rust or corrosion. The effect of this is that the water is discoloured, and is unsatisfactory for domestic purposes. This trouble has been totally obviated by the introduction of the "Bower Barffed" or Rustless "White Rose" Boiler.

These treated "White Rose" Boilers have been proved superior to any copper boilers, as the life of a copper boiler is affected by the sulphur fumes given off by burning coke. A chemical action is set up by the sulphur fumes coming into contact with the copper, and the thickest copper will decompose in a comparatively short time.

Automatic Regulation.—In a number of cases the automatic regulation of draught is considered an advantage. It serves to maintain a uniform temperature and also prevents overheating or boiling of the water in the system. The fitting of the automatic regulator enables the water in the system to be maintained at a pre-arranged temperature, usually about 160 degrees. The automatic regulator also has the advantage of limiting the fuel consumption of the boiler.



Operation.—The operation of "White Rose" Boilers does not require any special skill, and having full provision for regulation of draught, considerably less attention is necessary than the ordinary kitchen fuel stove. An instruction card is sent out with the boilers.

Chimney Flues.—In selection of a suitable chimney in a new or an existing building, a brick chimney is to be preferred to a pipe chimney on account of appearance and efficiency. Brick flues should, however, not be less than 8 inches internal diameter. A flue which is round or square in section is to be preferred, but if not so the difference between the greater width and lesser width should not be more than three or four inches.

If a pipe chimney of cast iron or steel is selected, less resistance to the passage of flue gases is offered, as the internal surfaces are smoother than the ordinary brick chimney, but the cooling effect of the metal is greater. It has been found advisable with metal chimneys to use pipe having a diameter of not less than six inches.

If fuel other than coke is to be used, it is advisable to increase the dimensions given above by up to 33 per cent., on account of the greater liability of soot being deposited.

All angles or bends as well as horizontal or inclined flues should have provision for cleaning internally.

THE CHEER OF A WARM WELCOME—THE CONVENIENCE AND LUXURY OF STEAMING HOT WATER AT A TURN OF A TAP — ALL AT AN AMAZINGLY LOW UPKEEP COST MAKE "WHITE ROSE" BOILERS A WORTH-WHILE INVESTMENT.

WRITE TO US ABOUT YOUR HOT WATER PROBLEMS

WHITE ✻ ROSE

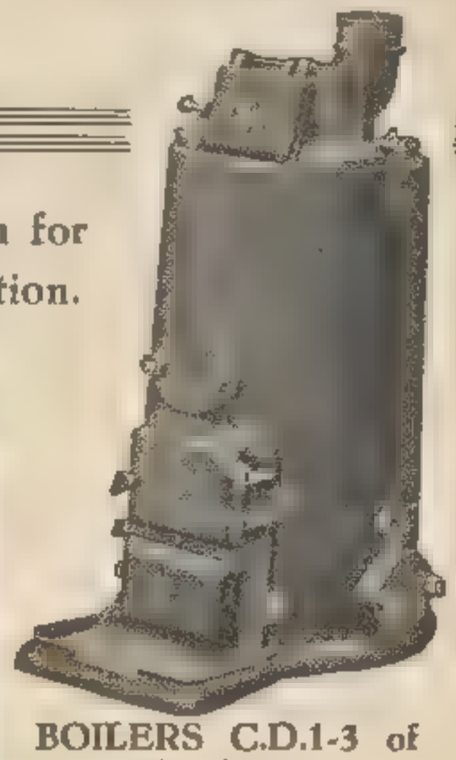
Cast Iron Domestic and Sectional BOILERS

for Hot Water Service & Central Heating

Made by HARTLEY & SUGDEN, Halifax, England

Minimum Attention for Maximum Satisfaction.

BOILER C.D.O
H12.



BOILERS C.D.1-3 of this Type.
H13.

JOHN DANKS & SON PTY. LTD.
Melbourne and Sydney, are SOLE AGENTS for "WHITE ROSE" Boilers

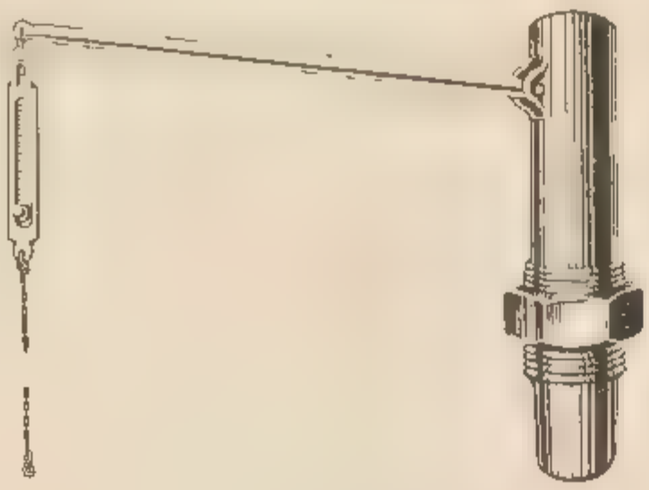
IMPORTANT! When Ordering or Inquiring:

The information we usually require to assist us in selecting the most suitable size and type of boiler is as follows:—

1. District in which boiler is to be installed.
2. Class of fuel (wood, coal, or coke)
3. Class of building (accommodation house, private residence, schools, hospitals, etc.).
4. Number of baths, basins, sinks, or other facilities for using hot water.
5. If for hotel purposes, the maximum number of guests the building will accommodate. Private residence, number of baths required. School or hospital, the maximum number of baths required for a given bathing period.

AUTOMATIC DRAUGHT REGULATOR

for Hot Water Boilers H10.



Directions for Fixing and Adjustment.—The bulb of the Regulator must be immersed in hot water at the top of the Boiler. Any method of fixing, which enables this to be done, and avoids air pockets, will be satisfactory.

Screw the Regulator into the 2" tapping provided, and connect chain to the air door attached to the ashes door, or fixed on side of base.

Adjustment.—The chain between the lever and the ashpit air door should have its length adjusted by means of the sliding scale, so that when the lever rod is at rest the air door is sufficiently open to secure the desired water temperature.

To reduce the maximum air inlet through the draught door, lengthen the chain, and this consequently lowers the temperature.

To increase the temperature, shorten the chain, which will increase the draught.

Any desired degree between the temperature range of the Regulator can be easily maintained by adjusting the sliding scale

If the Regulator does not operate correctly when installed, it must not be taken apart or tampered with.

THERMOMETERS

Screwed

½" Gas Thread

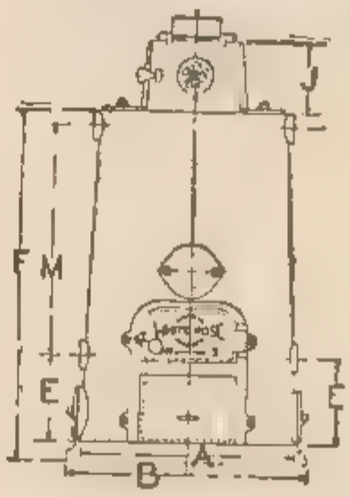
H11.

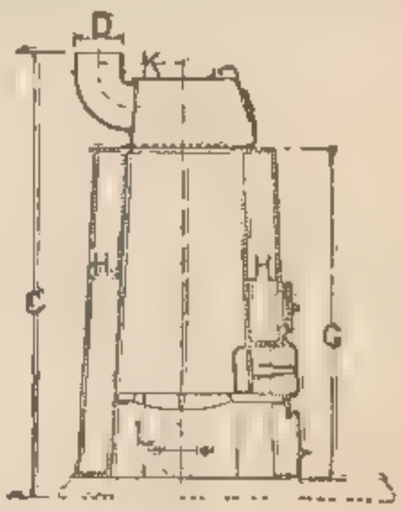
Straight and Right Angle

White Enamel Scale Reading.

60° 200° Fah.

"WHITE ROSE" CAST IRON INDEPENDENT DOMESTIC BOILERS





DIMENSIONS

Cat. No.	No.	A	B	C	D	E	F	G	H	J	K	L	M	Flow and Return Tappings
H12	C.D.O.	15"	17¾"	21¼"	4"	2¼"	20"	17"	2"	—	3½"	4½"	13½"	1¼"
H13	C.D.1	19"	22"	32¾"	4⅝"	7¼"	24¼"	23"	2⅞"	5½"	7⅝"	7"	14¼"	1½"
H14	C.D.2	19"	22"	40¾"	4⅝"	7¼"	32¼"	31"	2⅞"	5½"	7⅝"	7"	22¼"	1½"
H15	C.D 3	22¾"	25¾"	46¾"	5"	9"	36¼"	35"	3"	7¾"	9"	9"	24"	2"

*Stoking Tools and Draw-off Cocks supplied unless instructed otherwise. Ash-pit door can be arranged for automatic draught control when desired.

RATINGS

No.	Heating Surface	Water Content	Fuel Capacity	Hot Water Supply: B T U. per hour	Hot Water Supply: Gallons per hour 50-100° F	Hot Water Supply: Gallons per hour 50-150° F	Central Heating only: B T U per hour	Central Heating only: Direct Radiation
C D.O	3.	3.8	0.51	30,000	60	30	15,000	100
C D 1	4 6	9 0	0 8	50,000	100	50	19,600	136
C.D 2	6.4	12.5	1.2	70,000	140	70	28,500	200
C.D 3	9 1	17 5	2 0	100,000	200	100	35,200	244

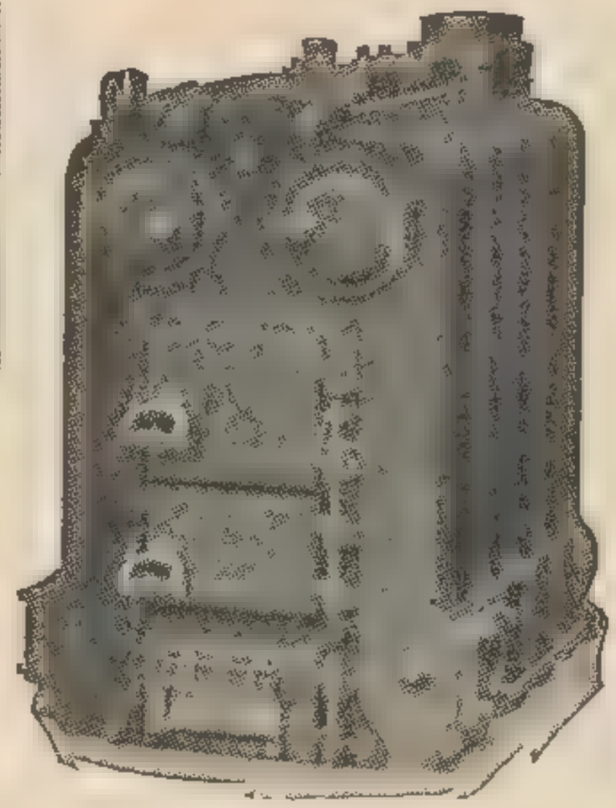
Suppliers of All Kinds of Appliances for Heating ... and Hot Water Services and Plumbing Needs ...

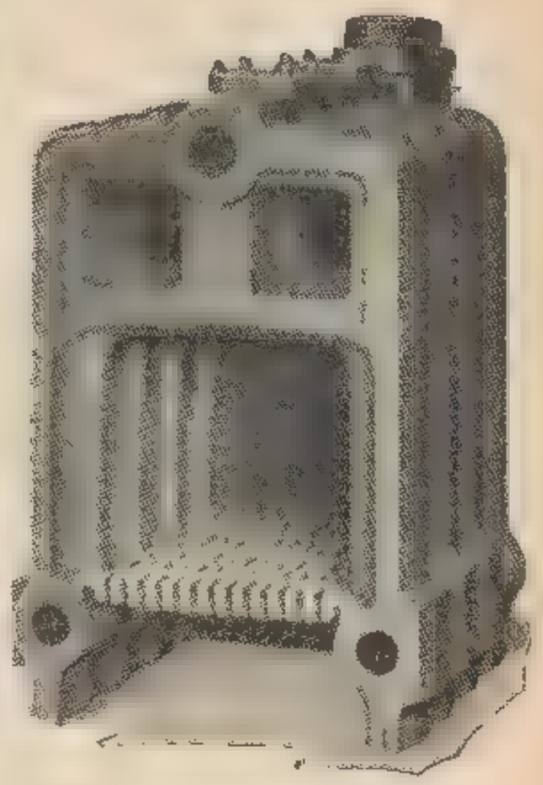
DANKS CAN SUPPLY A BOILER FOR EVERY REQUIREMENT

JOHN DANKS & SON PTY. LTD.

MELBOURNE AND SYDNEY

Plain or Rustless "White Rose" Cast Iron Sectional Boilers





NEW SERIES H.

"White Rose" Cast-Iron Sectional Boiler

PLASTIC ASBESTOS

For Covering Boilers and Tanks.

"Danks" Plastic Asbestos can be applied either to a warm or cold surface, although a warm surface is preferable. In covering the surface with this material, it should not be applied in a single coat; whilst there is very little shrinkage, there might be some cracking in the drying-up, which can easily be prevented by putting on a thin spotting coat first; after this is well set and very nearly all the moisture evaporated, a second coat should be put on, leaving a rough surface; then a third coat can be used for finishing off. This can be trowelled down smooth. If these instructions are followed, especially where cold surfaces are covered, there will be no cracking of the covering. It is advisable to reinforce with wire-netting for cylinders, and this is usually put on after the first coat.

Supplied in 50 and 100 lb. bags.

The following quantities of Plastic Asbestos are required to cover 1¼" thick of the various sizes of "White Rose" Domestic Boilers and Cylinders.

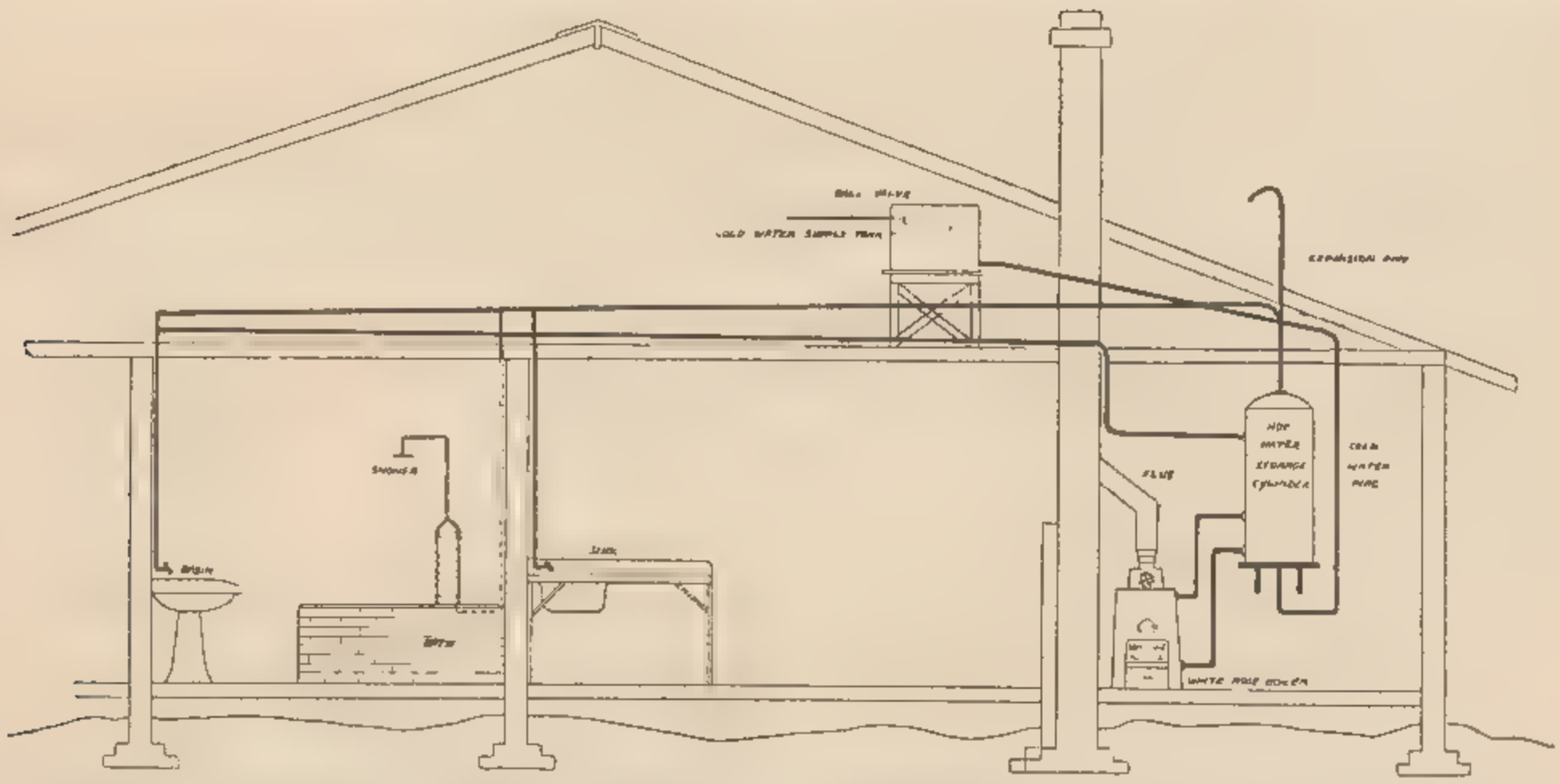
No. of Boiler	C.D O	C D 1	C.D 2	C.D.3
Lbs	25	25	40	50

HEATING CAPACITIES

H5.

Cat. No.	Boiler Heating Surface sq. ft.	Heating Power 4" Pipes lin. ft.	Heating Power Direct Radiation sq. ft.	Gallons Per Hr. 50-150° F.	Length over Sections in.	Grate Area sq. ft.	Fuel Capacity cub. ft.	Water Content galls.
H4	21.5	510	660	230	24¾	2.05	2.4	24½
H5	27	645	825	290	31	2.75	3.2	29½
H6	32.5	775	995	350	37¼	3.45	4.0	34½
H7	38	905	1,169	410	43½	4.15	4.8	39½
H8	43.5	1,035	1,330	470	49¾	4.85	5.6	44½
H9	49	1,165	1,495	540	56	5.55	6.4	49½

There is a "WHITE ROSE" BOILER for Every Heating and Hot Water Requirement

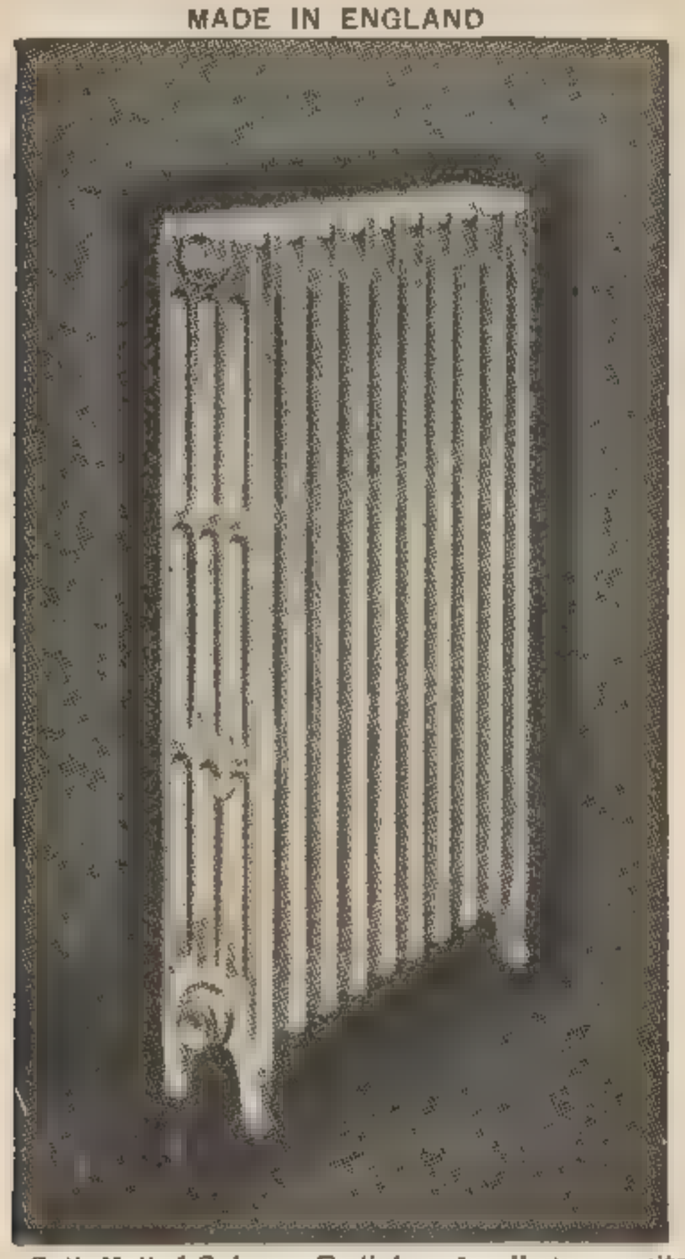


A typical design showing a villa installation using a "WHITE ROSE" BOILER (Made in England)

WE WILL PREPARE A SPECIFICATION FOR YOUR HOT WATER AND HEATING INSTALLATION

CRANE RADIATORS

MADE IN ENGLAND



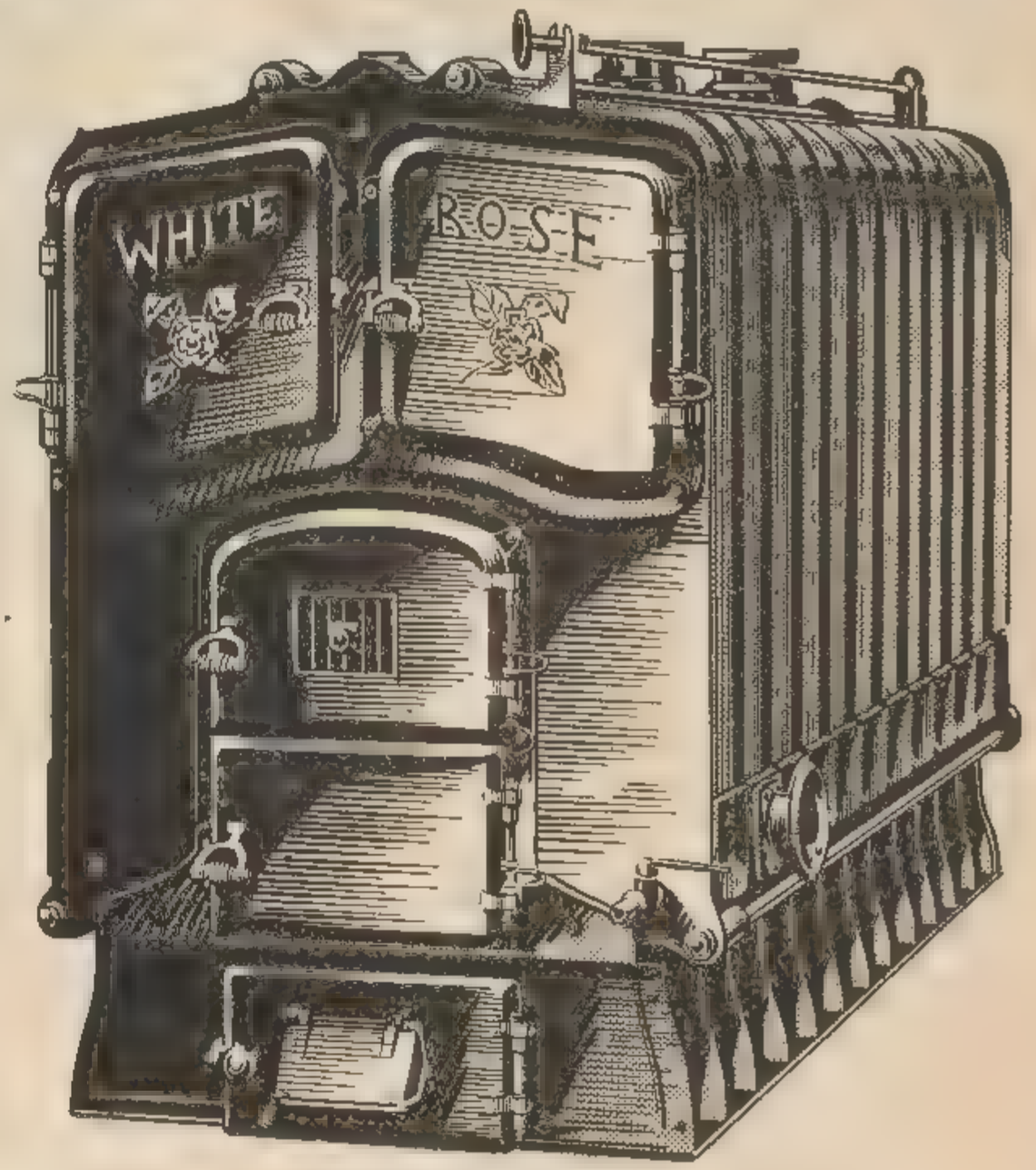
H16.—Pall Mall 4-Column Radiator, for Water or Steam. Made in the following heights: 18", 24", 30", 36".

H17.—Pall Mall 6-Column Radiator, for Water or Steam. Made in the following heights: 18", 24", 30", 36".

BOILERS AND RADIATORS AS INSTALLED IN CITY BUILDINGS, INSTITUTIONS AND PRIVATE RESIDENCES

WHITE ROSE BOILERS

MADE IN ENGLAND

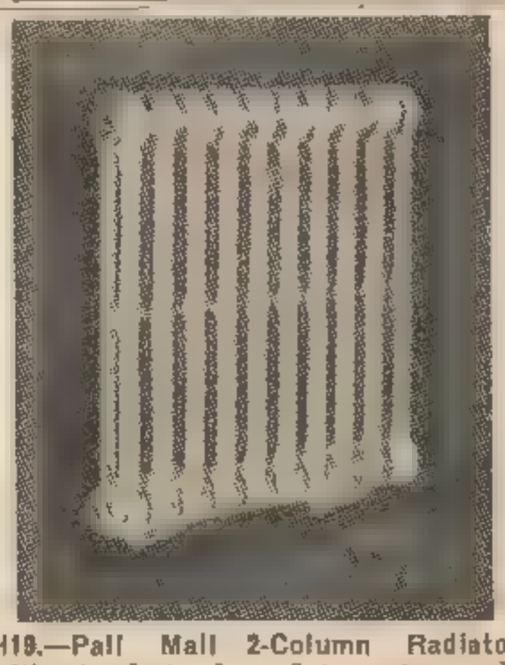


CAST-IRON SECTIONAL BOILER

H21.—SERIES A1

Catalogue No.	Type and No. of Boiler	Dimensions over Sections Length	Width	Height	Heating Capacity B.T.U.
		ins.	ins.	ins.	per hour
H20	613-A1	107¾	46½	68	1,324,400
H21	612-A1	99¼	46½	68	1,218,800
H22	611-A1	90¾	46½	68	1,113,200
H23	610-A1	82¼	46½	68	1,007,600
H24	609-A1	74	46½	68	902 000
H25	608-A1	65¾	46½	68	796,400
H26	607-A1	57½	46½	68	690,800
H27	606-A1	49½	46½	68	585,200

H18.—Pall Mall 2-Column Radiators, for Water or Steam. Made in the following heights: 18", 24", 30".



H19.—Pall Mall 2-Column Radiators, without feet for fixing to walls. Heights: 18", 24", 30"

FOR FULL PARTICULARS WRITE TO OUR HEATING DEPARTMENT

INSTALL CRANE RADIATORS ON YOUR NEXT HEATING JOB

The Dual Purpose Boiler and Open Fire

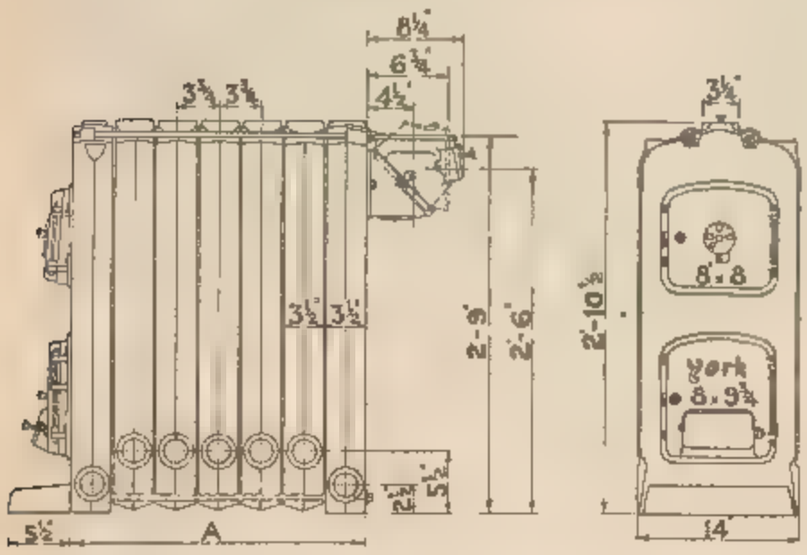
THE York

"WHITE ROSE" BOILER

In most modern small buildings, cellars and boiler houses are not provided, and Boilers are installed in the Hall, Room, Kitchen or other position where, exposed to view, the design of Boiler embodying plain external surfaces on neat modern lines, in addition to the variety of attractive enamelled finishes, ensures the source of warmth harmonizing with the general scheme of design and decoration. The illustrations show that the boiler may possess a closed waterway front with doors for fuelling and fire cleaning, or an open front with suitable doors and front fire grate, which latter is very popular in the kitchen to provide the cosy open fire for the maid and for drying clothes and similar purposes.

"YORK" White Rose BOILER

DIMENSIONS



With Closed Fire without Jacket

H29.

Pipe Connections are screwed up to and including 2" diameter. Returns can be on both sides 2½" from floor to centre on front and back sections. 5½" on intermediate sections. A return can be provided on back face 2½" to centre. Flows on any section except front. Usual small tappings on front section for mountings.

Smoke Pipe Connection (Y8 = 6", all others 5") is universal type, with socket end for horizontal or vertical connection, provided with cleaning door, check draught, and sliding damper. Supplied vertical unless ordered otherwise.

With Open Fire and Insulating Jacket

H34.

DATA

Cat. No.	Boiler No.	Heating Capacity B.T.U. per Hour	Heating Capacity Direct Radiation	External Surface B.T.U. per Hr.	Boiler Heating Surface
			sq. ft.		sq. ft.
H28.	Y 3 - -	32,600	225	2,940	7.41
H29.	Y 4 - -	43,500	300	3,410	[illegible]
H30.	Y 5 - -	54,200	375	3,880	12.31
H31.	Y 6 - -	65,000	450	4,350	14.76
H32.	Y 7 - -	76,000	525	4,820	17.21
H33.	Y 8 -	87,000	600	5,290	19.66

Boiler No.	Grate Area	Fuel Capacity	Water Content	Length "A"
	sq. ft.	cu. ft.	galls.	ins
Y 3	.535	671	6.1	11
Y 4	.815	1.018	7.4	14¾
Y 5	1.095	1.365	8.7	18½
Y 6	1.375	1.712	10.0	22¼
Y 7	1.655	2.059	11.3	26
Y 8	1.935	2.406	12.6	29¾

COPPER STORAGE CYLINDERS AND CALORIFIERS

When ordering it is advisable to state the pressure under which the cylinder will be working, or the height from the cold water supply tank to the cylinder; also the size of connection bosses required.

Unless otherwise ordered, stock sizes and positions will be supplied If any special positions are required, a rough sketch showing same should be sent with the order.

Copper Hot Water Storage Cylinders

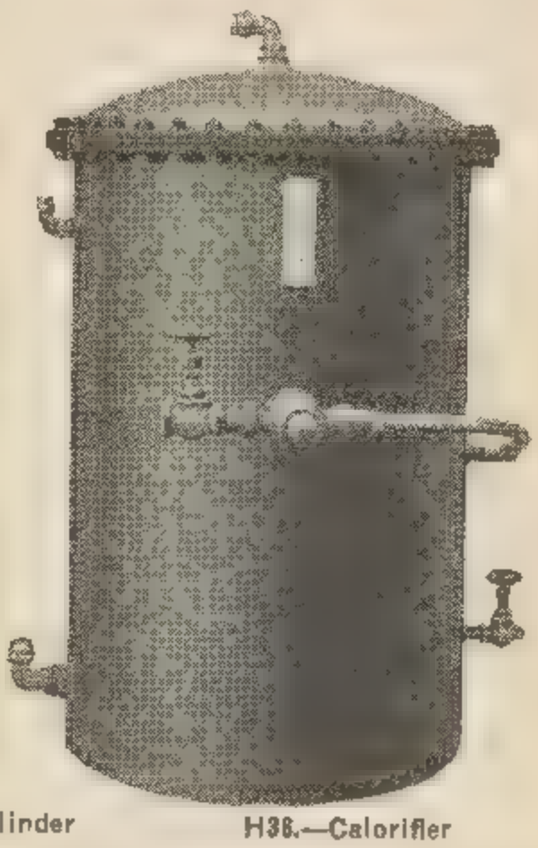
Tested to 30 lbs. per square inch.

Capacity	Dimensions in Inches	Capacity	Dimensions in Inches
20 gallons	42" x 14"	70 gallons	54" x 21"
25 "	45" x 14"	80 "	54" x 23"
30 "	48" x 15"	100 "	54" x 25"
35 "	51" x 15"	120 "	54" x 29"
40 "	54" x 16"	130 "	54" x 30"
50 "	54" x 18"	150 "	78" x 27"
60 "	54" x 20"		

Note.—When ordering Cylinders, please give position and size of pipe connections, and if for copper or iron pipe.

Prices for Copper Calorifiers and Cylinders of special size on application.

H.35.—Copper Cylinder



H36.—Calorifier

We Cordially Invite Architects, Builders, Consulting Engineers and Home Owners to call at Our Heating Showrooms, and Inspect OUR WIDE RANGE OF HEATING EQUIPMENT

DANKS FOR COPPER CYLINDERS AND COPPER STORAGE TANKS

"Good Cooking depends on your Stove"

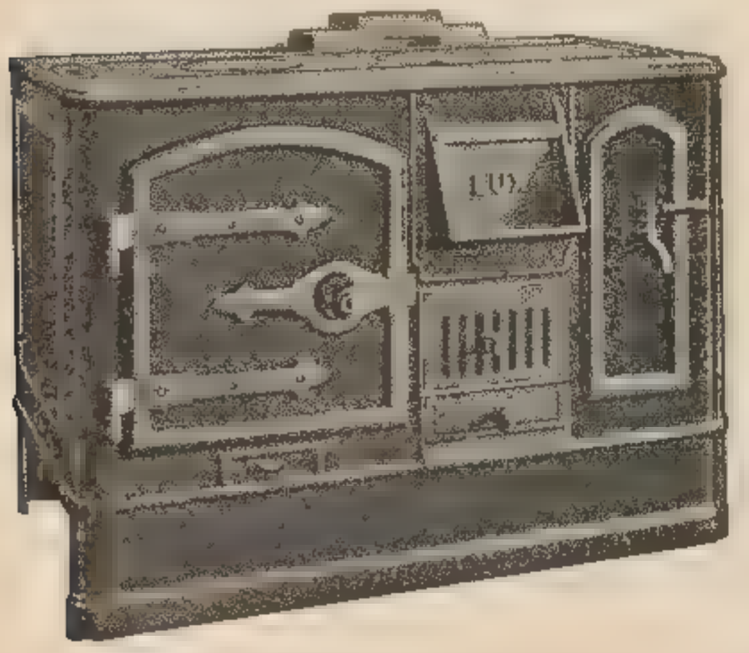
LUX FUEL STOVES

ALL "LUX" STOVES are SUPPLIED COMPLETE with 6 feet of Piping, Flue Brush, Rake, Poker, Plate Lifter, etc.

THE "LUX" STOVE

D1.

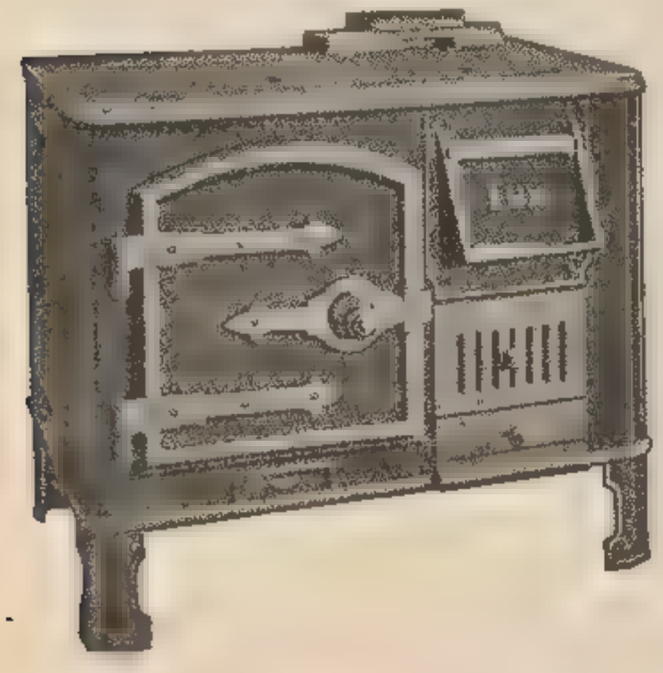
With Plate Warmer.
Dimensions:—
Width, 3′ 6″; Height, Bare, 20″; With Plate Warmer, 28″; Depth, 19″.
Oven (left), 19″ x 15″ x 14″
Oven (right), 19″ x 15″ x 12″.



THE "LUX" STOVE

D2.

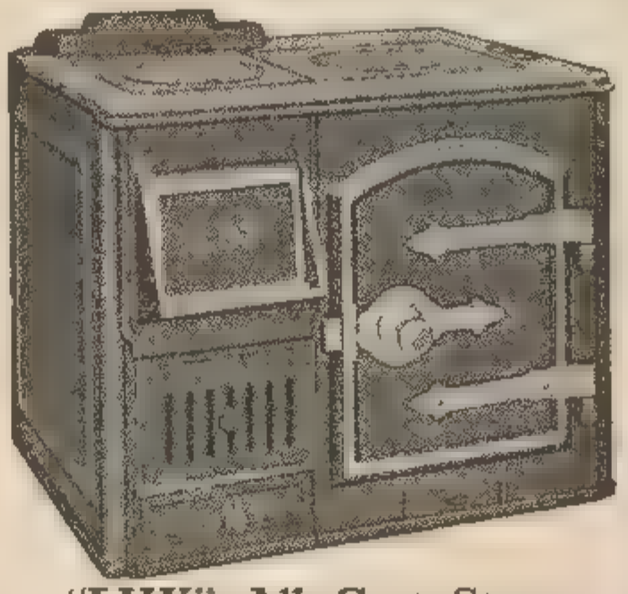
Oven and Fountain Model, with Extended Front.
Dimensions:—
Height, Bare, 20″; With Plate Warmer, 28″; With Extended Front, 23″.
Oven, 19″ x 15″ x 14″.
Capacity of Fountain, 1 gal.



THE "LUX" STOVE

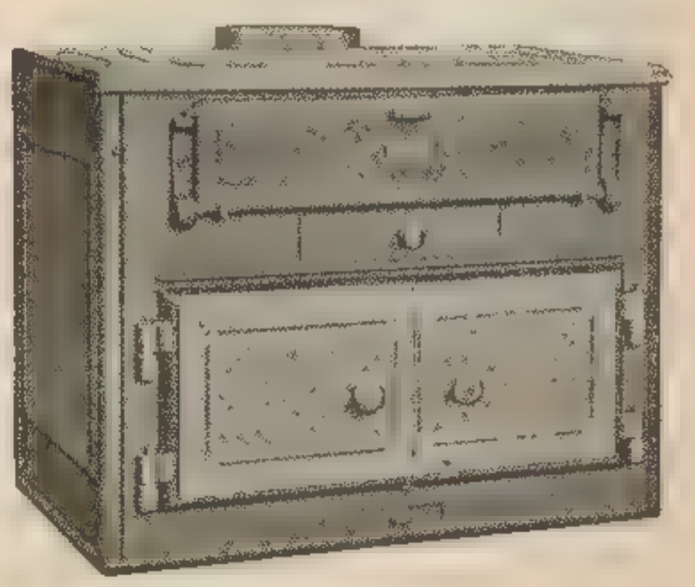
D3.

Single Oven Model, with Feet.
Dimensions:—
Width, 30″; Height (with Plate Warmer), 28″; Height (without Plate Warmer), 20″; Depth, 19″.
Oven, 19″ x 15″ x 14″.



"LUX" All Cast Stove

D5. — A 24″ Top Fire Stove, incorporating New Features: Open Fire Hot Plate; Convertible Fire Box for Burning Wood, Coal or Briquettes; Centre Flue with Cast Flue Box, fitted with Cleaning Door.
Bare—24″ Wide, 25″ High, 19″ Deep
(As illustrated):
With Feet .. .. 34″ High
With Extended Front .. .. . 31″ High
With Plate Warmer .. . .. 33″ High
Oven Capacity: 19″ Wide, 12″ High, 13¾″ Deep.



THE "LUX" STOVE

D4.

Single Oven Model, Bare.
Dimensions:—
Width, 25″; Height, 20″; Depth, 19″.
Size of Oven:
12″ Wide; 15″ High; 19″ Deep

THE "LUX" STOVE

D6.

A 30′ Top Fire Stove to burn wood 24″ in length
A Modern Stove—wholly of Cast Iron.
With large oven capacity. All parts renewable.
May also be had with Feet, with Extended Front, or with Plate Warmer, as desired.

Dimensions:—Width, 30″; Height (with Plate Warmer), 31½″; Height (without Plate Warmer), 23½″; Depth, 18″.
Oven, 24″ Wide; 10″ High; 14½″ Deep.
Supplied with 6′ of Piping, Flue Brush, Rake, Poker, Plate Lifter, etc.

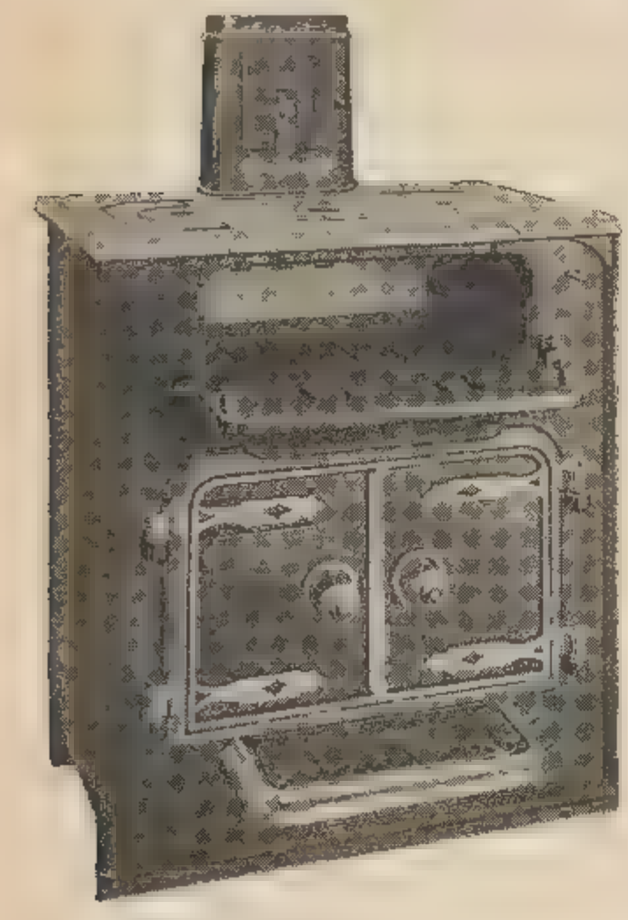
Obtainable also in ATTRACTIVE COLORED ENAMEL FINISHES
.. to Blend with your Kitchen ..

When ordering quote the number of the item only. Do not cut Catalogue. This is unnecessary and will destroy much of its further value to you.

FOR GAS AND ELECTRIC STOVES, PLEASE TURN TO PAGES 58-62

"ECLIPSE" STOVES

THE "ECLIPSE" TOP FIRE STOVE



D7.

The big feature of this Stove is that the front part of the Hot Plate con be completely removed, thus converting it into an open fireplace for heating the room. Made with Cast Iron Back. Ventilating Side Dampers. Fitted with Ash Pan and Swing Oven Doors. May be had with either fall or double swing Fire Doors.

D8.

Dimensions:—
2′ long x 18″ deep x 2′ 3″ high.
Oven, 18″ long x 14½″ deep x 11½″ high.
Burns 18″ wood.

D9.

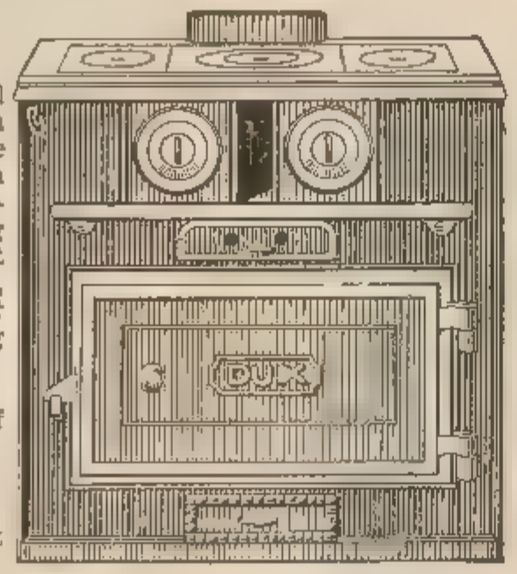
2′ 6″ x 18″ x 2′ 3″.
Oven, 2′ x 15″ x 11½″.
Burns 24″ wood.

D10.

3′ x 18″ x 2′ 3″.
Oven, 2′ 6″ x 15″ x 11½″.
Burns 30″ wood.

THE "DUX" STOVE FOR COAL OR WOOD

D11.



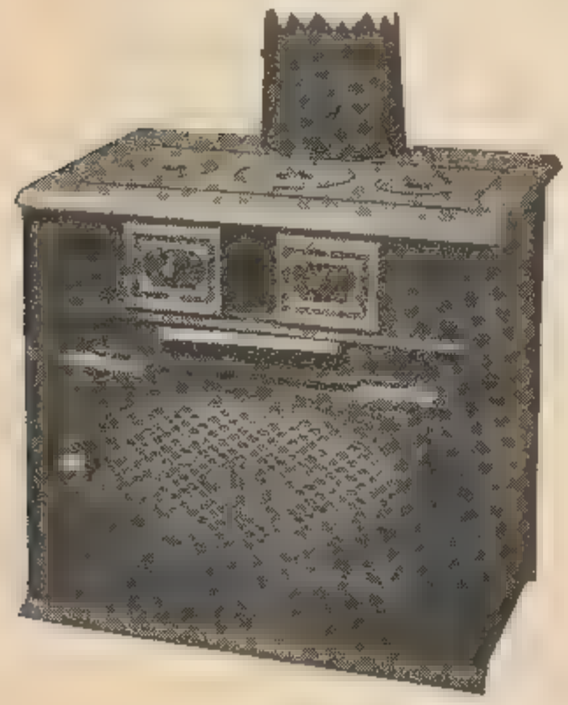
The Fire Box of the "Dux" is fitted with Double Sliding Doors, and by a simple adjustment wood or coal can be used as desired. The proper regulation around the Oven has been well considered. The Oven Door is of the Swing Type. Body of Stove is of heavy sheet steel, with strong cast iron Hot Plate, Grate, Ashpan, Doors, etc. The Hot Plate is provided with three Boiling Holes.

Damper regulation is from the front of end of Stove.

Outside Measurement:

	Width	Depth	Height
Size	24″	17″	24″

THE "ECLIPSE" MODEL "C" STOVE



D12.

The "Eclipse" Model "C", is of Cast Iron throughout and is one of the very few 24″ All-cast Stoves that is fitted with an Ash Pan It has a Single Swing Oven Door and two Sliding Doors to the Fire Box, and has a Central Flue. The Fire Box is easily adjustable for burning Wood or Coal.

Outside Measurement:—

	Width	Depth	Height
Size	24″	16½″	22″

Can also be had with Legs at extra cost

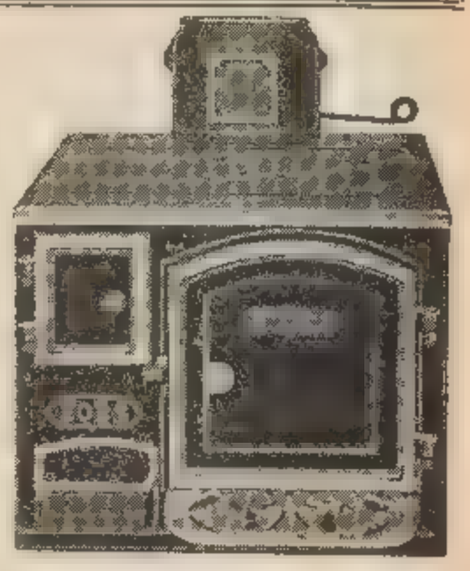
JOHN DANKS & SON, PTY. LTD., are Specially Equipped to do All Kinds of Repairs . . . to Stoves and Ranges . . .

"BOBS" STOVE

D13.

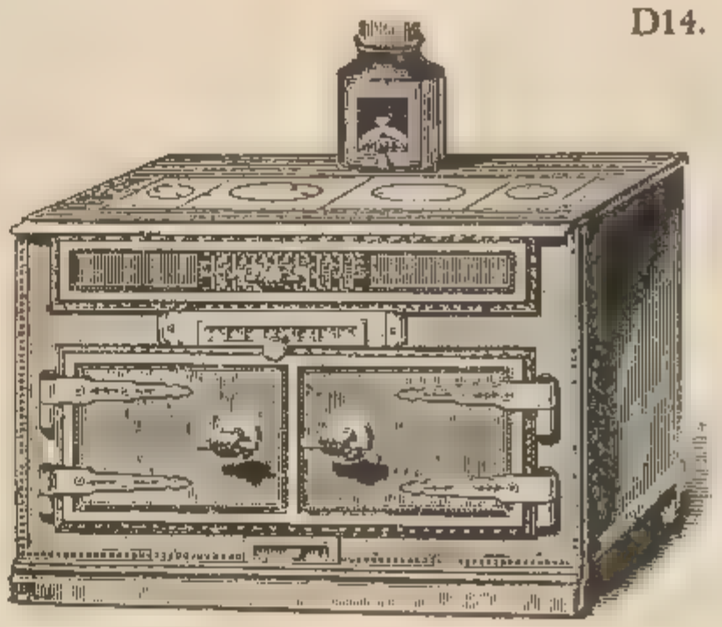
Sizes:

No. 1—24″ wide x 27″ high x 18″ deep.
No. 2—30″ wide x 27″ high x 18″ deep
No. 3—36″ wide x 27″ high x 18″ deep.
Also 48″ wide.



THE "COO-EE" COOKING STOVE

D14.



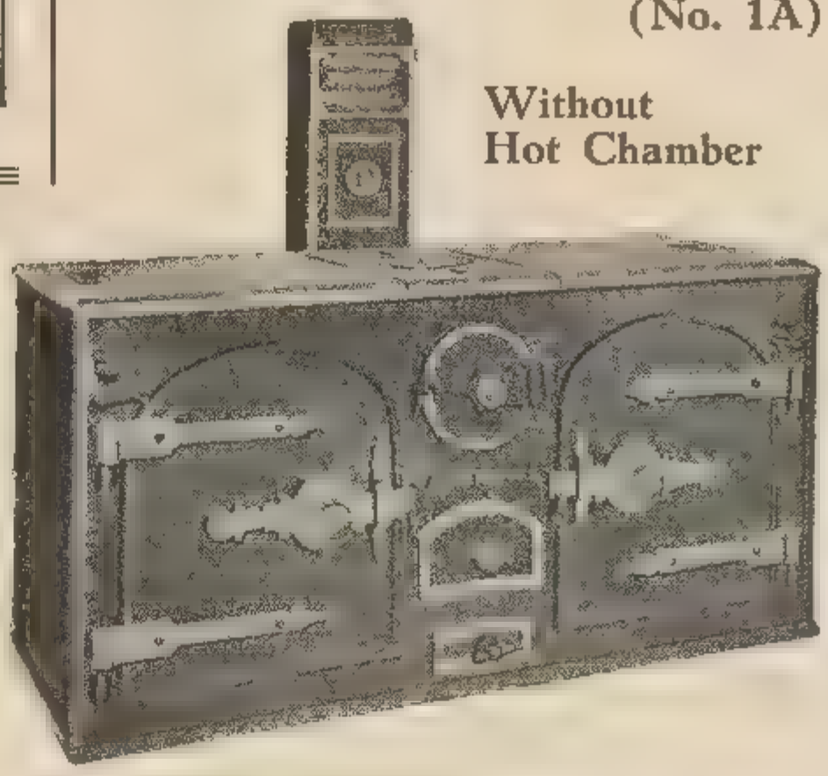
A simple and economical One Fire Stove. Fitted with Double Oven Doors and Long Fall Fire Door for burning long lengths of wood, and is easy to manage. Has an indicator to show which way to move Sliding Damper, for lighting fire or for heating Oven. It is strong and well made, of first-class finish, and cooks thoroughly and quickly. There are four lengths of piping, lifter and rake for cleaning Stove, given with Stove.

Dimensions:—

Nos.	Length	Depth	Height
D14 .	24″	18″	27″
D15 ..	30″	18″	27″
D16 ..	36″	18″	27″

ANDREW'S "NONPAREIL" STOVE (No. 1A)

Without Hot Chamber



D17.

This Stove is a splendid cooker, and has become immensely popular, especially so for small villa use. It has two very roomy ovens.

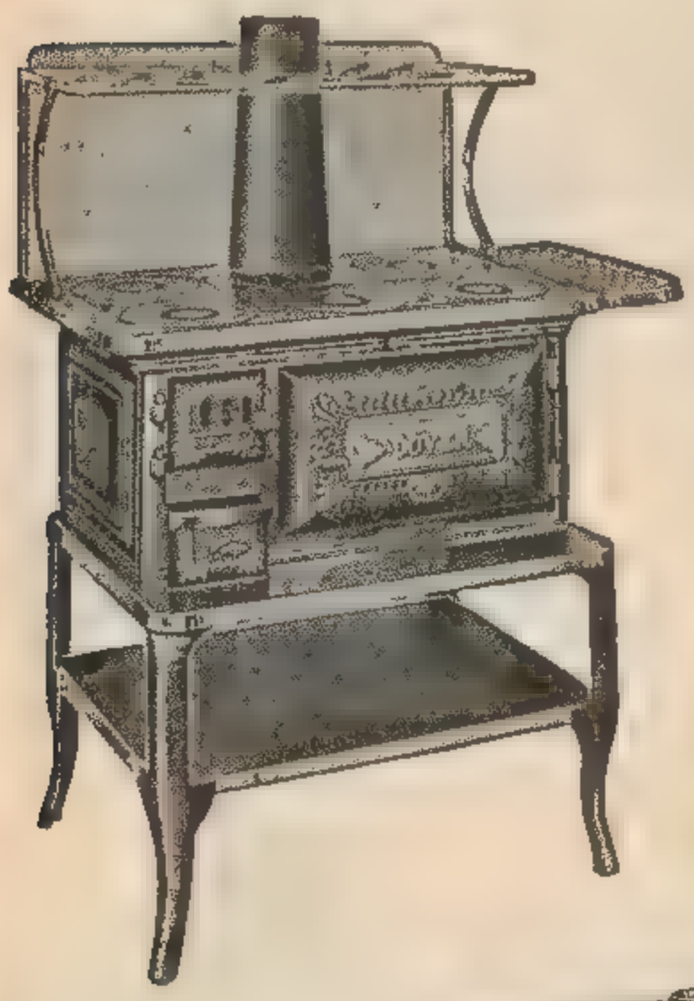
Latches, Hinges, Knobs, and other Furnishings are nickel plated.
36″ wide; 20″ deep; 18″ high without Hot Chamber. 27″ High with Hot Chamber.

Andrews' "Nonpareil" Stoves can be supplied with or without Hot Chamber, or, alternative, with Stand and Legs. Either can be fitted with High Pressure Copper Coil Generator for Hot Water Service.

WHEN ORDERING—ORDER BY NUMBER ONLY . . . . DO NOT CUT CATALOGUE

HOT WATER INSTALLATION CAN BE FITTED

THE "DOVER" STOVES FOR EITHER WOOD OR COAL



The "Dover" is the latest of its type in Fuel Stove Construction, and is a most reliable Stove. It has a simple, direct flue down end of Stove, which is brought up at the back of the Oven. This considerably helps the draught and gives extra heating surface to the Oven.

This Stove has Iron Linings, Drop-down Front Bars, and Extended Fire Box. The back lining is movable, for reducing size of Fire Box to suit coal or coke.

Sent complete with Cup Lifter, Scraper, Poker, and 6 feet of Stove Pipe.

The Elevated "Dover"

D18.

Complete with Plate Rack and Splash Back

Width	Depth
29"	19"

Width, including Extension Hob, 36".

Height to Hot Plate, 32½".
Height to Plate Rack, 46½".

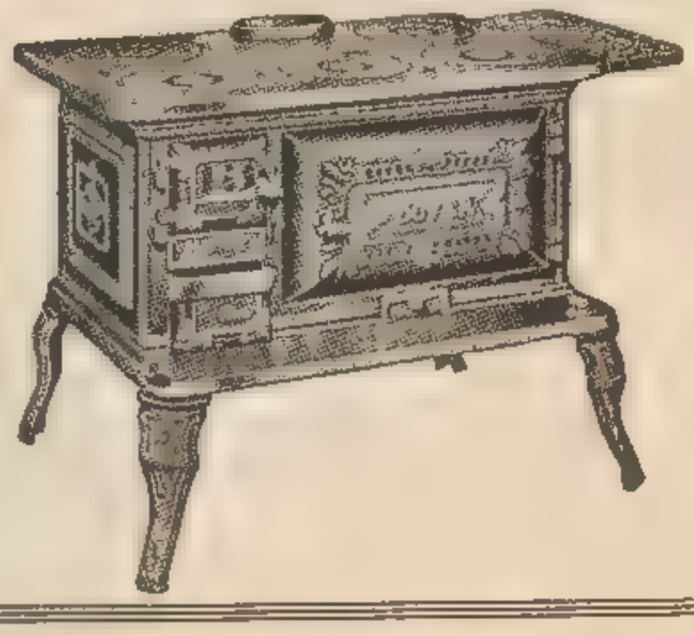
The "Dover"

D19.

Width	Height	Depth
29"	25"	19"

Width, including Extension Hob, 36".

Note.—Short and Elevated Legs are not interchangeable.



THE "PLANET" STOVES

The "Planet" Fuel Stove

SIDE TYPE ON LEGS

D22.

A reliable Stove made of Cast Iron throughout, which can be supplied with Legs as illustrated, with Plate Warmer in place of Legs, or Bare.

Dimensions:
Height: Bare, 19¼"; with Plate Warmer, 25¾"; On Legs, 28"; Width, 30"; Depth, 18¼".

Oven Measurements: 17¼" wide; 17¼" deep; 14" high.

The "Planet" Fuel Stove

TOP FIRE TYPE BARE
Made in Two Sizes

D23.

Dimensions:

Height	Width	Depth
24"	24"	17"

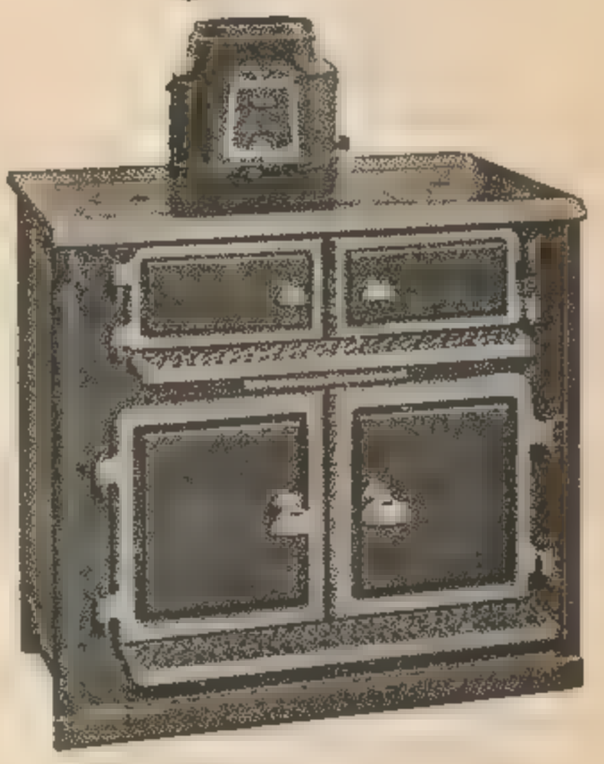
Oven Measurements: 9" high; 18¼" wide; 13½" deep.

D24.

Dimensions:

Height	Width	Depth
26½"	30"	18"

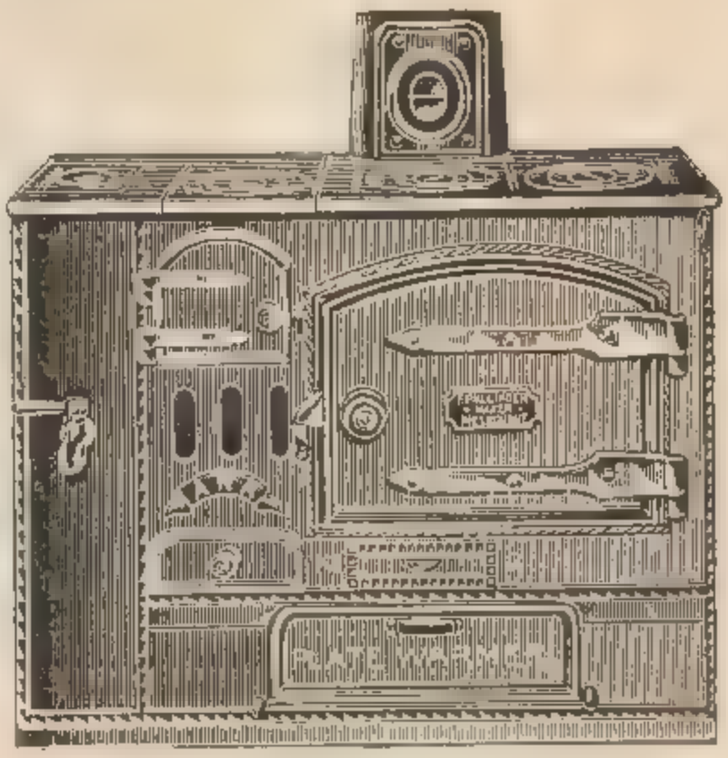
Oven Measurements: 11" high; 24" wide; 13½" deep.



The "A.N.A." Fuel Stove

With Plate Warmer and Hot Water Fountain

The A.N.A. Fuel Stove has been designed to give efficiency with Strict Economy. It is well made throughout from First Quality Materials, and is fitted with a Fire Box, adjustable for either Wood or Coal.



Made in two sizes.

	Width	Depth	Height		Width	Depth	Height
D20.	24"	18"	22"	S.43A	13"	15"	19½"
D21.	30"	18"	22"	S.43B	17½"	15"	19½"

NOTE.—The above measurements are for the Bare Stove. If with Plate Warmer, add 7" to the heights given. If with Fountain, add 6" to the widths given.

The "Planet" No. 1 Open Top Fall Door Fire

ALSO IN ENCLOSED TYPE

D25.

Size Over All: 20" wide x 17" deep x 24" high.
Oven Measurements: 14¾" wide x 13¼" deep x 9" high.

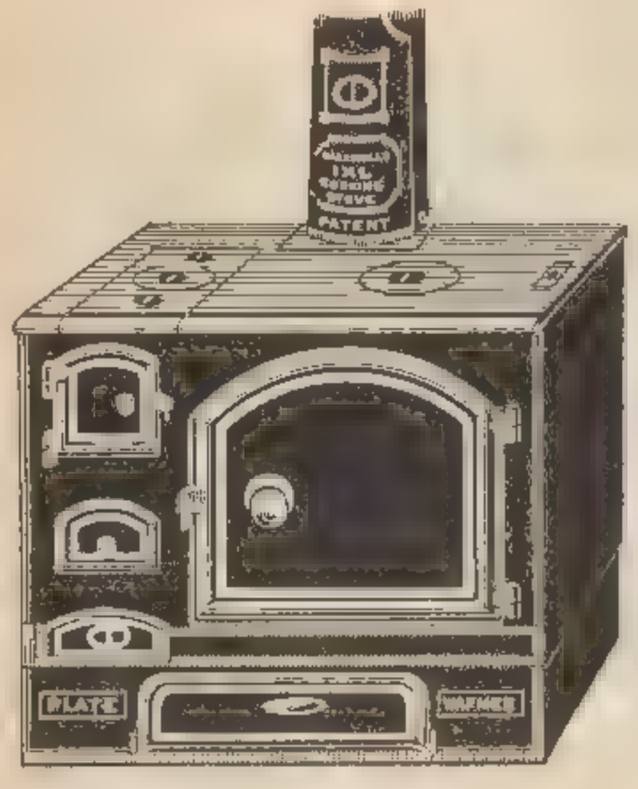
We Can also Supply the Larger
FUEL KITCHEN RANGES
and
COOKING APPARATUS
Suitable for Hotels, Guest Houses, Mansions, and Public Institutions

TO ANY OF THE ABOVE STOVES

JOHN DANKS & SON PTY. LTD.

MELBOURNE AND SYDNEY

"IXL" Fuel Stoves



THE "I.X.L." SINGLE OVEN FUEL STOVE

D26.
Width, 24"; Depth, 19"; Height, 25½".

D27.
Width, 27"; Depth, 19½"; Height, 27½".

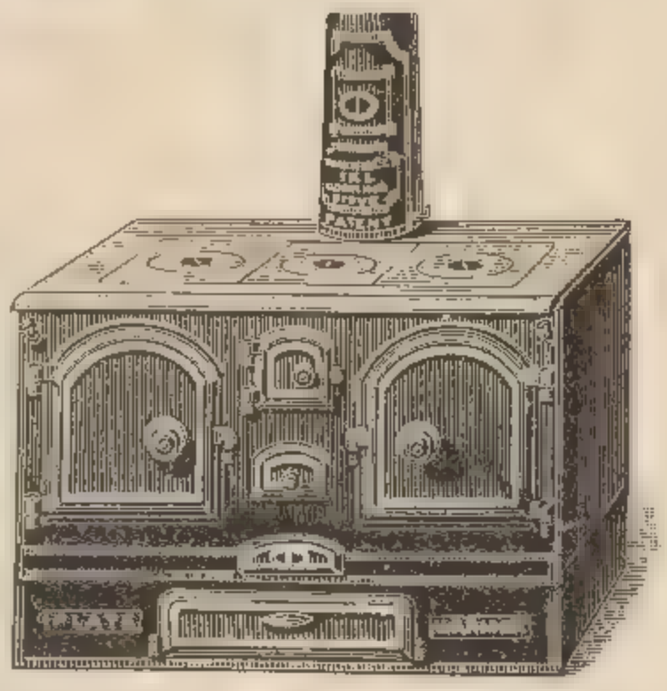
D28.
Width, 30"; Depth, 19½"; Height, 28¾".

"I.X.L." PATENT FUEL STOVES

"I.X.L." Stoves are noted for their Simplicity, Economy, and Durability. They are made from Steel Plates specially procured for the purpose. A patent Direct-back Draught does away with the Smoky Chimney nuisance and draws up the fire quickly. All "I.X.L." Stoves are sent out complete with Flue Brush, Lifter, Raker, Baking Tin, and 6 ft. Flue Pipe

"I.X.L." Stoves can be supplied to take the longer wood at extra cost.

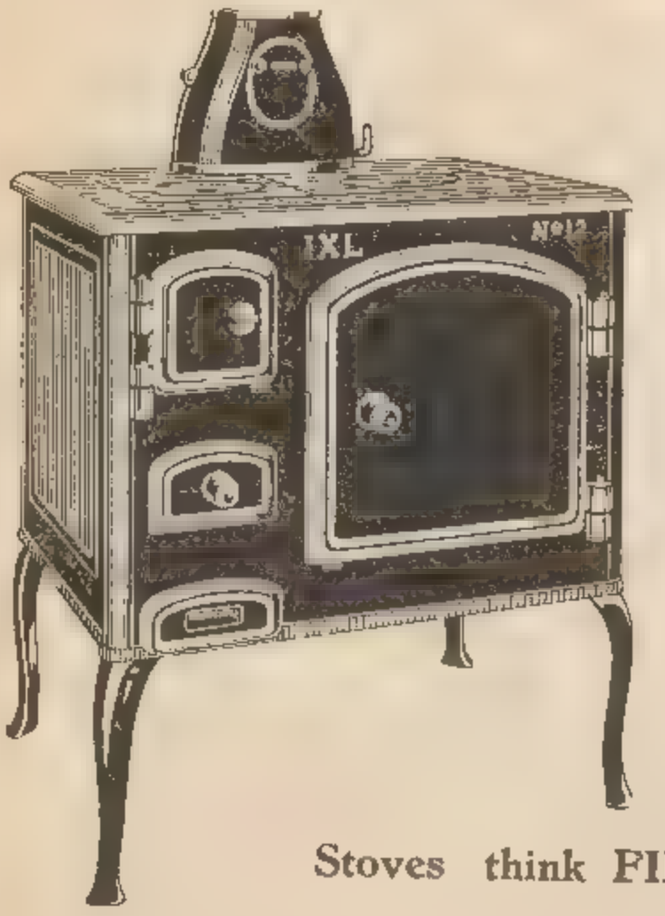
Made also with Side Boiler. This adds six inches to width of Stove. The Depth and Height are as in ordinary pattern.



Sizes of I.X.L. Double Oven Stoves, with usual Fire Box for Coal and Town Lengths of Firewood, and with Plate Warmer:

	Width	Depth	Height		Width	Depth	Height
D29	36"	19½"	25"	S.25	42"	23"	29"
D30	36"	23"	25"	S.26	48"	26"	31"
D31	39"	19½"	26½	S.27	54"	31"	34"
D32	39"	23"	26½"				

If without Warmer, the height will be 8" less.



THE "I.X.L." SINGLE OVEN FUEL STOVE

CAST IRON THROUGHOUT WITH LEGS

D33.

Dimensions:—
24" Wide; 19" Deep; standing on 10" Legs, which make the Stove 27½" High.

Can also be supplied with Plate Warmer instead of with Legs. The dimensions being the same in both models

When you think of Stoves think FIRST of John Danks

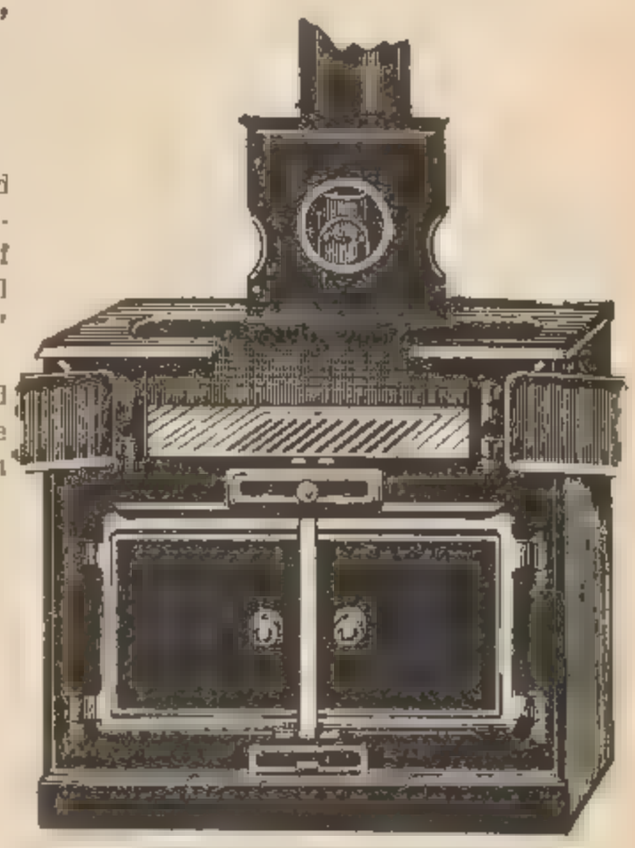
THE "TRIUMPH" FUEL STOVE

The "Triumph" is a good type of Top Fire Stove, manufactured by the makers of "I.X.L." Stoves, and is equal in quality to the "I.X.L." pattern

It can be used either closed in at the top or with the centre raised to give an open fire.

D34.
Width, 24"; Depth, 19"; Height, 27½".

D35.
Width, 30"; Depth, 19"; Height, 27½".



THE "FEDERAL" COOKING STOVE

D36.

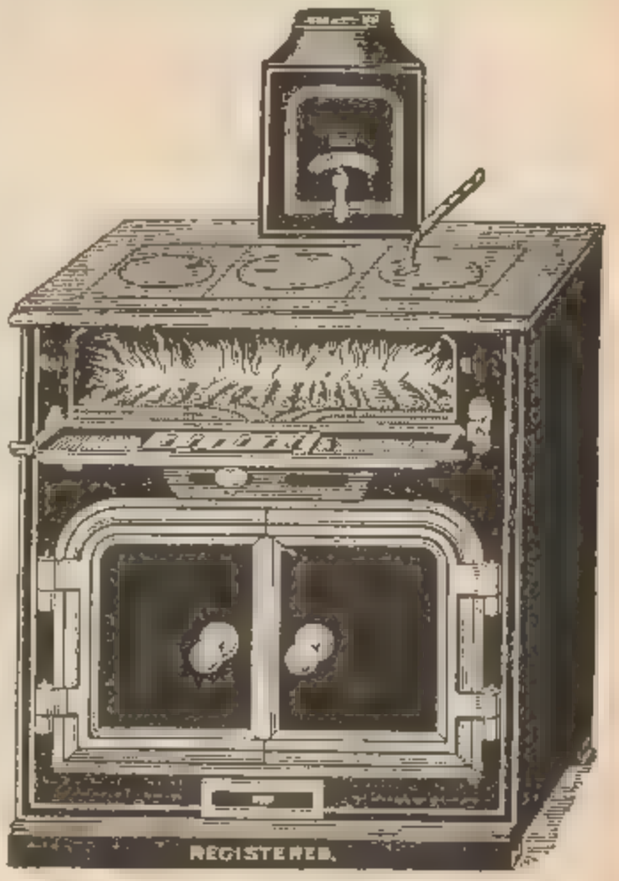
The "Federal" has an improved Fire Door, which is the full length of Stove. The Fire Box is constructed on an entirely new principle, and insures perfect Distribution of Heat

The Bottom Plate under oven is of Cast Iron, and the Outer Sheet Iron Casing is protected with Strong Cast Iron Plates to prevent it burning through

The whole of the top is a perfect Hot Plate, and Utensils can be kept boiling over the whole surface. It is fitted with a neat Ash Pan.

Outside Measurements:—

	Width	Depth	Height
D36	24"	18"	27"
D37	30"	18"	27"
D38	36"	20"	30"

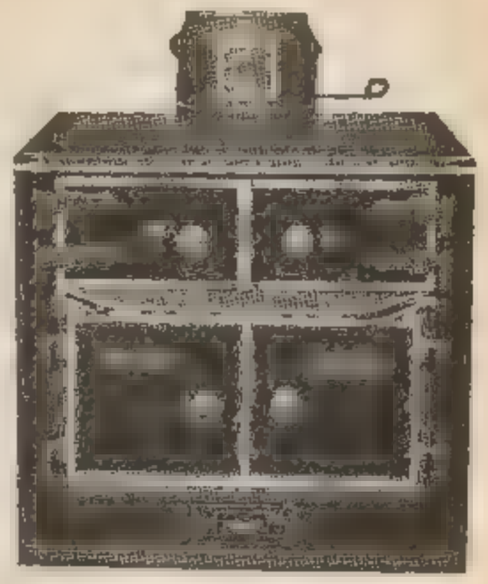


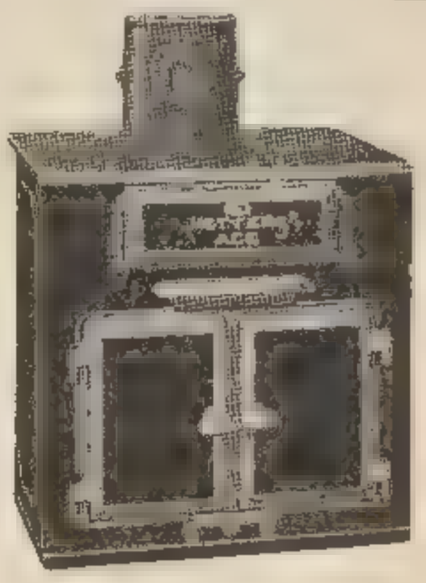
"UNIQUE" STOVE

D39.

No. 1—24" wide x 27" high x 18" deep.
No. 2—30" wide x 27" high x 18" deep.
No. 3—36" wide x 27" high x 18" deep.

Also 48" wide.





METTERS' "ACE" FUEL STOVE

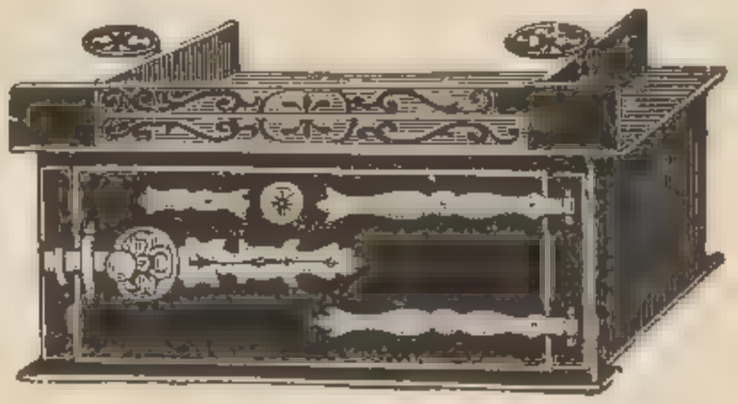
ALL CAST

D40.

No. 1—24"
No. 2—30"

WITH OR WITHOUT FEET.

DANKS FOR STOVE PARTS AND REPAIRS



Old Style Colonial Oven

D41.

Made of Sheet Steel and supplied in the following sizes and gauges:

Width	Depth	Height
24"	16"	10"

D42.—Top in 10 gauge; Bottom, Shelf, Bar and Hob, 16 gauge.

Width	Depth	Height
24"	16"	12"

D43.—In 10 gauge Iron throughout.

Width	Depth	Height
24"	16"	12"

D44.—In 3/16" Iron throughout.

Width	Depth	Height
24"	18"	12"

Top in ¼"; Iron Bottom, Shelf, Bar and Hob in 5/16".

The "Coo-ee" Slow-Combustion Stove

For Heating Public Halls, Schools, Workshops, etc.

D45.

The "Coo-ee" Slow Combustion Stove is a very efficient heater with low Fuel Cost, and it can be regulated to meet the heating requirements of the day. The "Coo-ee" is made of heavy gauge Steel with Cast Iron Stand, Base, Top, Furnace Doors, etc., and has a substantial lining throughout of Fire Brick

Height Over all, 31½".

Width, 13⅛"; Depth, 18⅝".

Fire Brick Lining, 2" thick.

Flue Pipe Extra.

Smaller Size, D49.

Height, 22"; Width, 11"; Depth, 14".

WARM FRIENDS!

SLOW COMBUSTION HEATING STOVES that will solve the Fuel Problem!

The Modernized "KOSI" HEATING STOVE

D46.

A very popular and economical type of slow combustion heating Stove in a new and modernized design. Will burn continuously at a fuel cost of about 2/6 a week and uses coke or briquettes—the cheapest form of fuel. Gives a steady glow of heat and burns slowly and evenly. The firebox is sealed.

In Fawn, Ruby, Green or Walnut Enamelled finishes.

NO SMOKE . . . NO FUMES . . . NO DIRT
but a Clean, Even, Glowing Heat all the time!

The "Excelsee" (Stocked by Sydney only)

D47.

Internal Flues.—Encircling Stove. Heat does not escape direct to chimney.
Front Grate.—Curved Fork to open up Fire Protecting Mica Windows.
Hopper Plate.—Protects Front and Directs Burning Fuel to Centre.
Back Draft Damper.—Controlling Draft under all conditions in fireplace or otherwise.
Shaking Grate.—Avoiding All Dust Nuisance.
Continuous Burning.—Obtainable 8 to 9 hours to Bucket of Coke.

The "REGAL"

D48.

Burns coke, coal or briquettes, and gives a steady heat at all times. No soot, dust or ashes. 30 in. high by 26 in. wide, and 16½ in. from back to front.

In several enamelled finishes.

SEE NEXT PAGE FOR FURTHER TYPES OF THESE STOVES

JOHN DANKS & SON PTY. LTD.

MELBOURNE AND SYDNEY

THE MOST BEAUTIFUL HEATING STOVE,

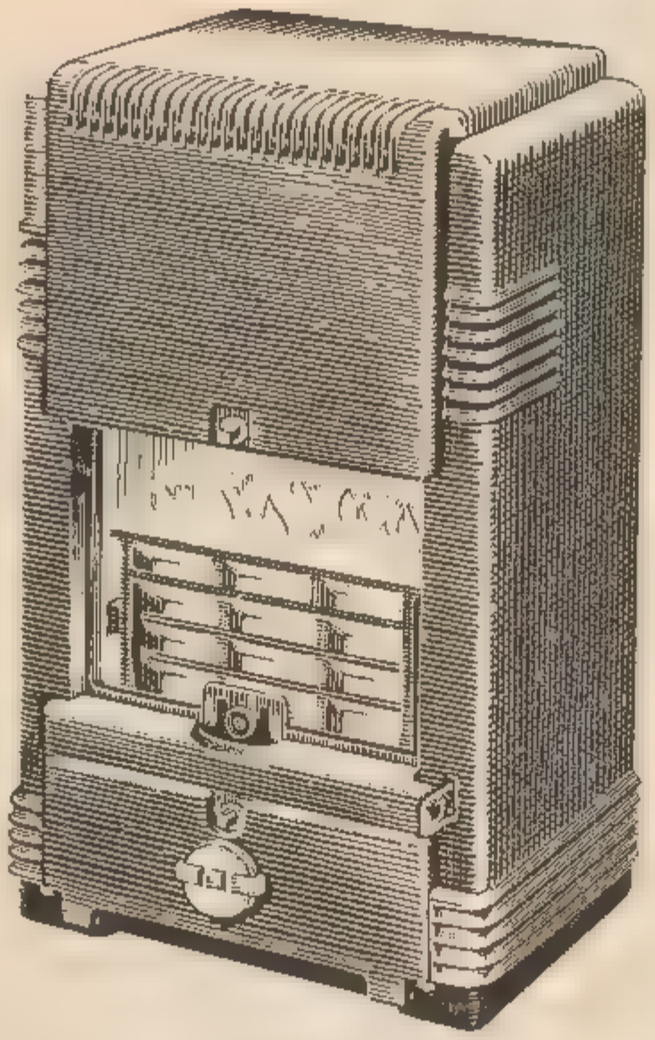
as well as the most Efficient!

D51.

In Mottled Beige Enamel Finish

OTTO HEATING STOVE

One size only. Height 2'6", width 1'5¾", depth 1'1¼"; height to top of flue outlet 1'9¾"; diameter of flue 4½". Attractively styled . . . as beautiful as a piece of lovely furniture, and just as great an attraction in any room.



"The Loveliest Stove ever designed!"

No Soot - No Fumes - No Ash
A Steady, Even, Cheerful, Glowing Fire.

- Burns any kind of Fuel, Coke, Coal, Wood, Briquettes.
- Closed or Open Fire as you like.
- Cheap to run and a Stove you'll always be proud of!

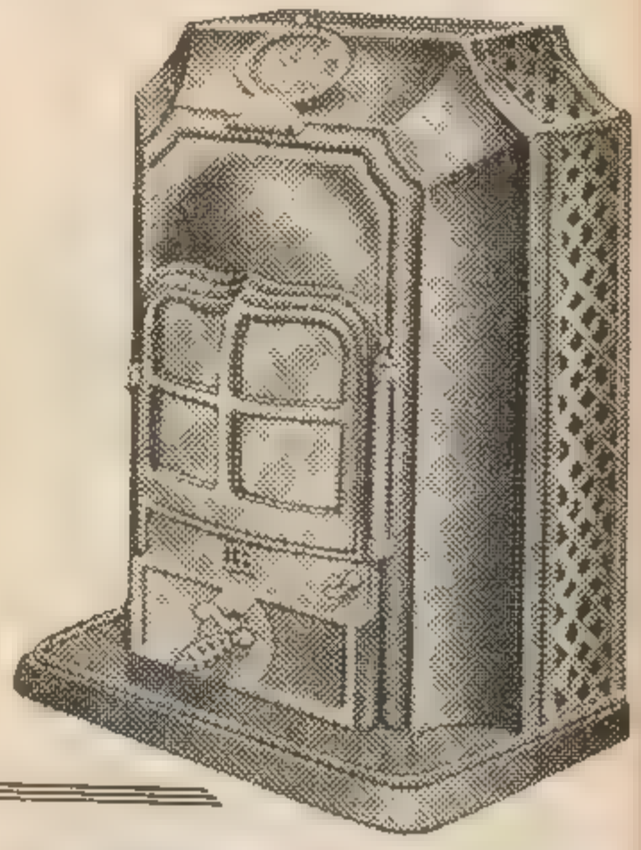
Slow Combustion

- EASY TO INSTAL.

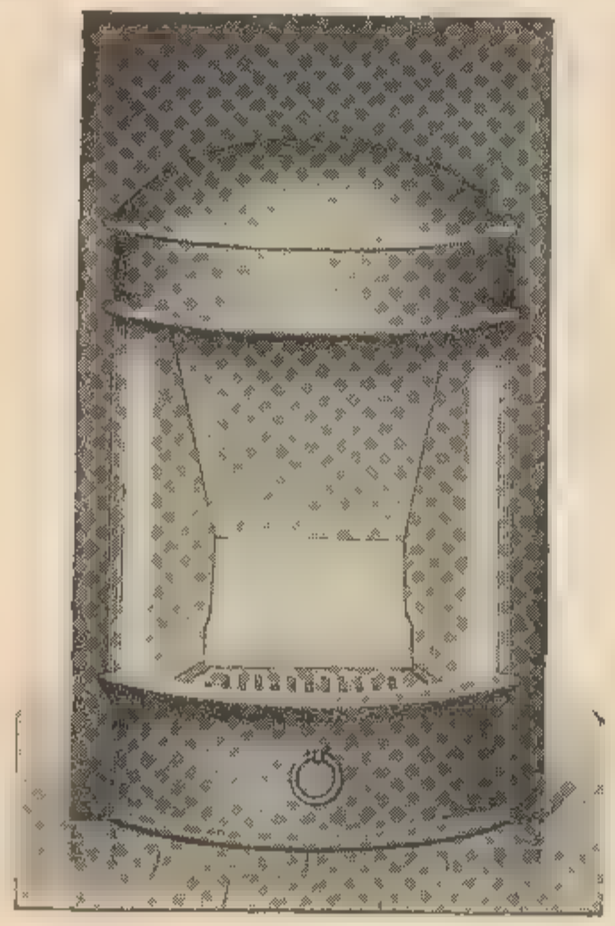
Obtainable in
Teapot Brown . . .
Moss Green . . .
French Grey . . .
Royal Blue . . .

"ESSE" *Coke Stoves*

D52.—"The ARTESSE" (shown on right)
Economical heat from coke fuel. Clean: no soot, dust or ash can enter the room. Requires little or no attention. The solution to the problem of internal heating.



INTERIOR GRATES



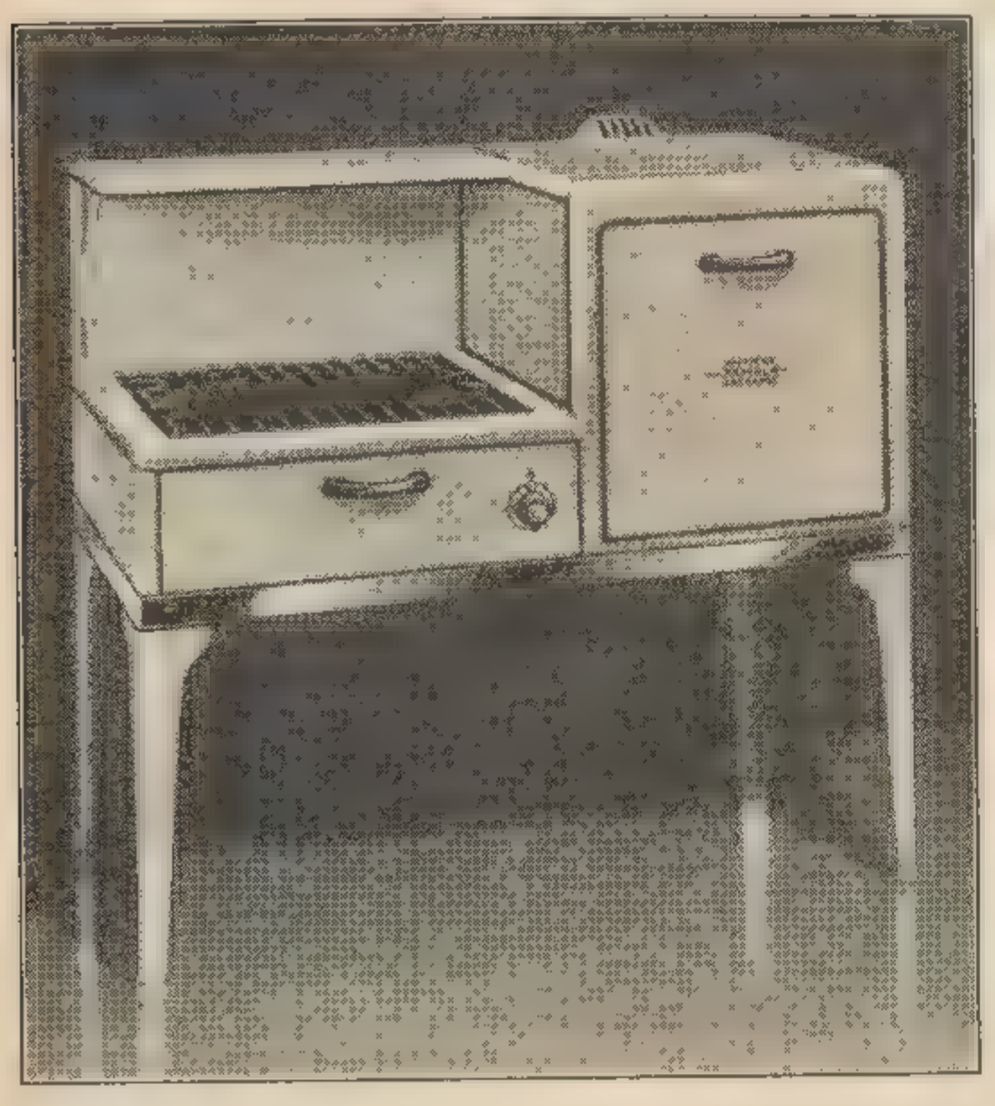
D53.
INTERIOR GRATES
Size 21" wide, 30" high, 18" fire.
Can be had in the following finishes:—Fine Cast with Oxidized Copper or Brass movable canopies, also Armour Bright, Oxidized Copper, Coin Bronze and Oxidized Silver.

D54.
ROUND PATTERN
Solid Firebrick
Two sizes only:
18" and 21"
—
Armour Bright
Ox. Brass
Ox. Copper

PERFECT SLOW COMBUSTION

Order by Number - - Do Not Cut Catalogue

"DANKS" FOR ALL KINDS OF HEATING APPLIANCES



GAS STOVES

D55.

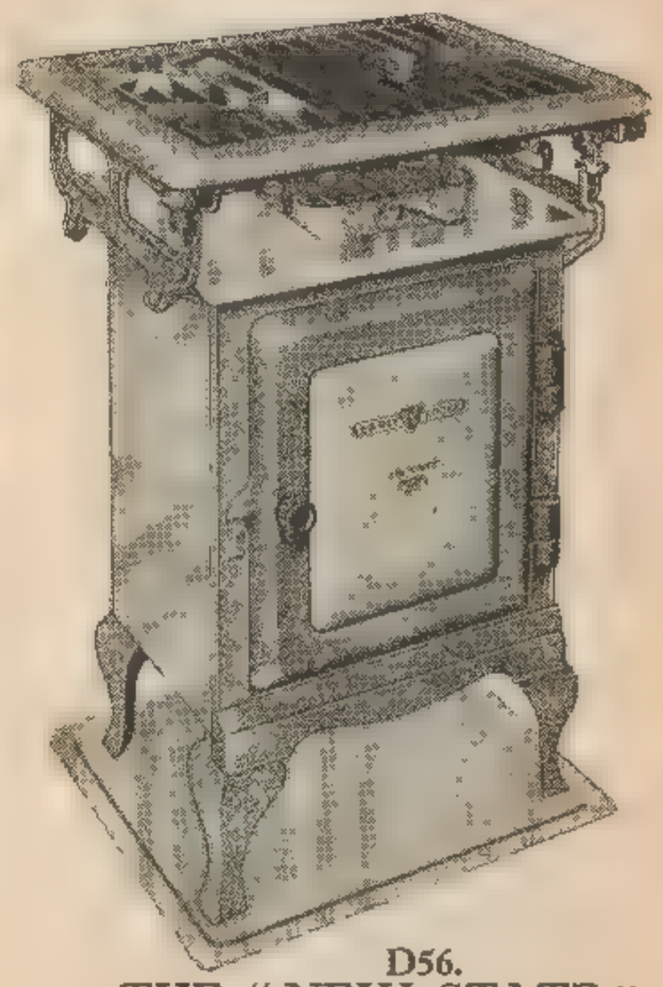
"KEMBLA" GAS RANGE

(On left.)

With thermostatically-controlled, heavily insulated Oven, rust-proof porcelain enamelled inside and out. Convenient Hot-plate with three boiling burners and a large grill unit with grill pan and grid.

All-porcelain enamelled finish in ALL CREAM, or GREEN, BLUE, GREY or BROWN mottled enamel with cream panels. All corners rounded and flush fitting oven door for easy cleaning. Square finish to base and legs to line up with modern kitchen fitments.

	High	Deep	Wide
Oven Dimensions:	15 in.	14 in.	15 in.



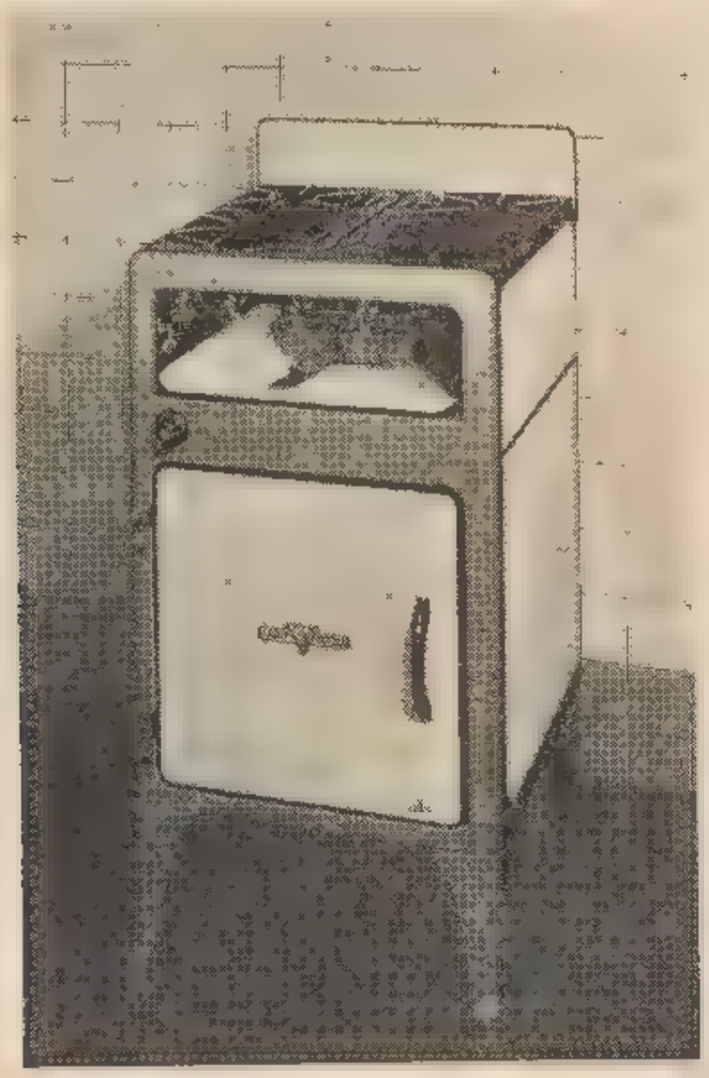
D56.

THE "NEW STATE" GAS STOVE

(FULLY PACKED)

DESCRIPTION: A modern Stove of good cooking capacity, with up-to-date Top Bars, "Star" Burners. Can be fitted with Automatic Oven Heat Control (extra).

	Width	Depth	Height
Inside size of Oven:	14½ in.	13 in.	17 in.



D57.

"OBAN" GAS COOKER

(On left.)

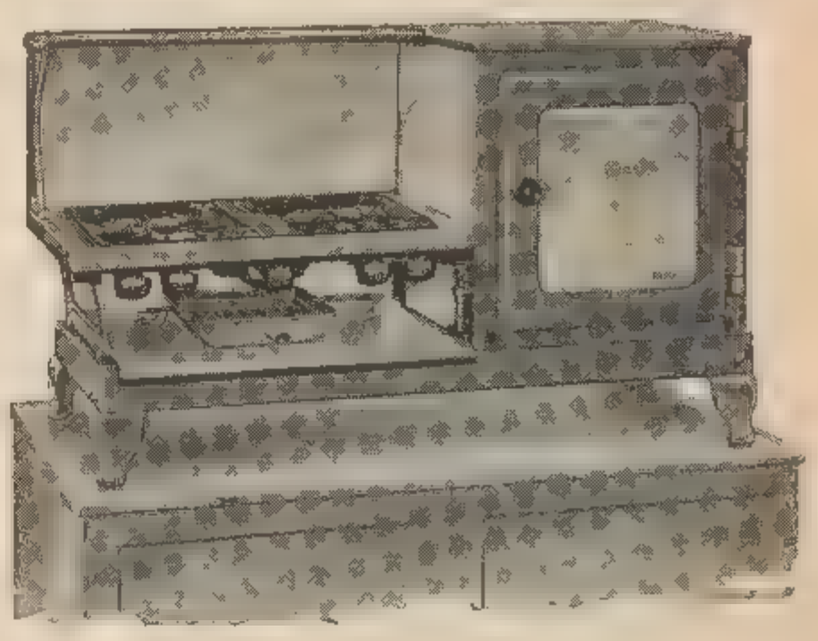
Is Australia's latest and most modern approved gas cooker.

D60.

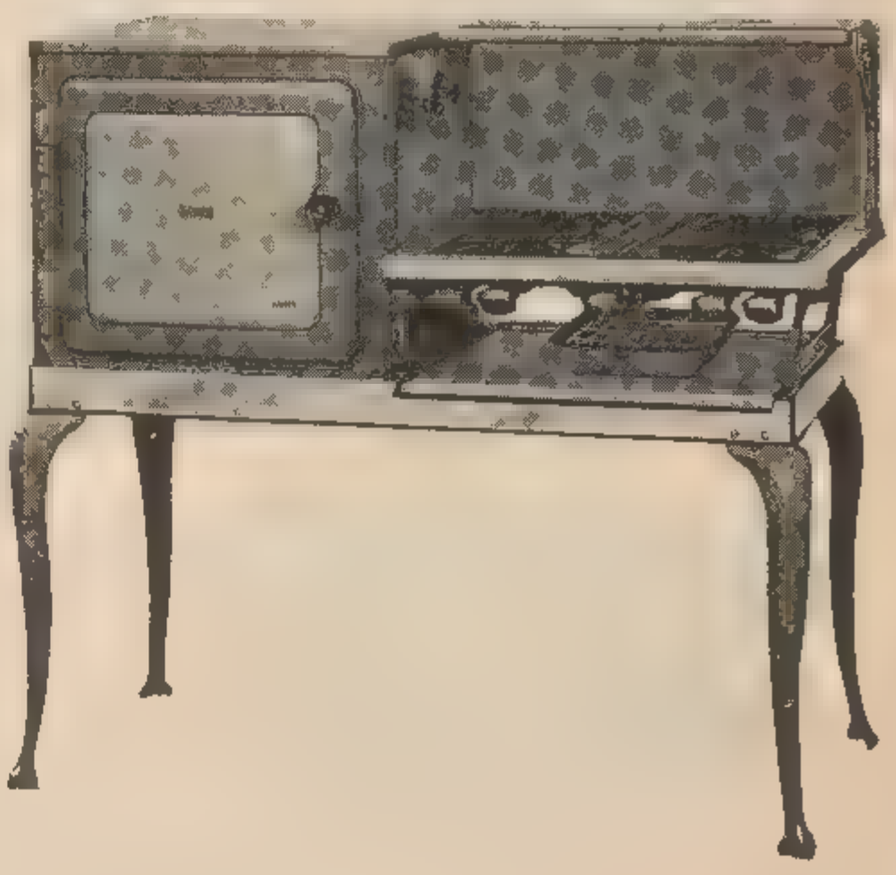
"SWIFT" GAS RANGE

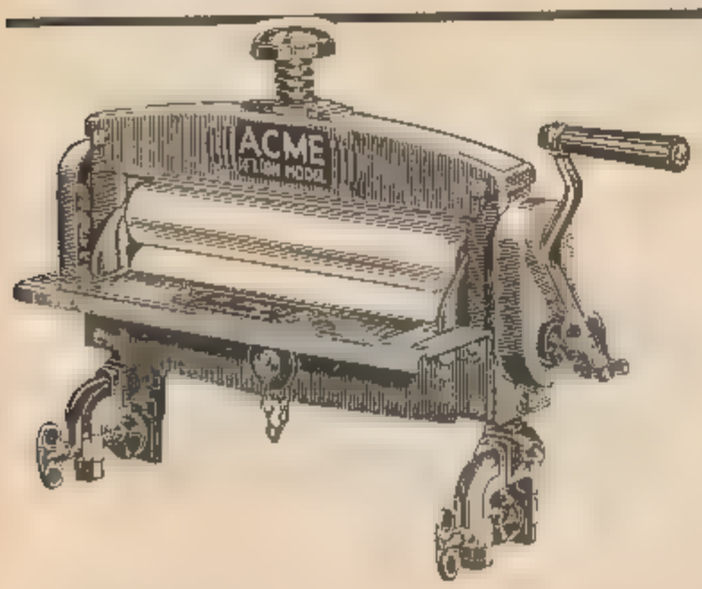
(Lower right corner.)

Beautifully modern in appearance and with its unusually wide oven, the new approved "Swift" is an ideal family gas range, saving time, labour and money. It has all the outstanding features of the "Swift" cooker, whilst the arangement in this case makes it ideal for easy working.



D58. RANGES ON SHORT LEGS
All Ranges can be fitted with short legs.





D59.

THE "ACME" LION

Frame constructed like a Motor Car.
Made of the Strongest Pressed Steel.
Thoroughly Rust-proofed.
Stove-Baked Enamel.
Improved Reversible Handle.
Improved Rubber-lined Clamps.
The "Acme" drains into either Trough.

Guaranteed 10 Years.

WRITE TO US FOR FULL PARTICULARS OF GAS STOVES

JOHN DANKS & SON PTY. LTD.

MELBOURNE AND SYDNEY

COPPERS AND COPPER FRAMES

Regal Copper Frame

D61.

Made in the following sizes:—
10, 12 gals.

The Regal Copper Frame burns wood, coal or coke. Is easily moved about to suit the convenience of the user.

COPPERS

For building in Brickwork or use with Cast Iron Copper Frames. We strongly recommend the one-piece Seamless Copper as the most durable and satisfactory. These can be supplied in the following sizes:—

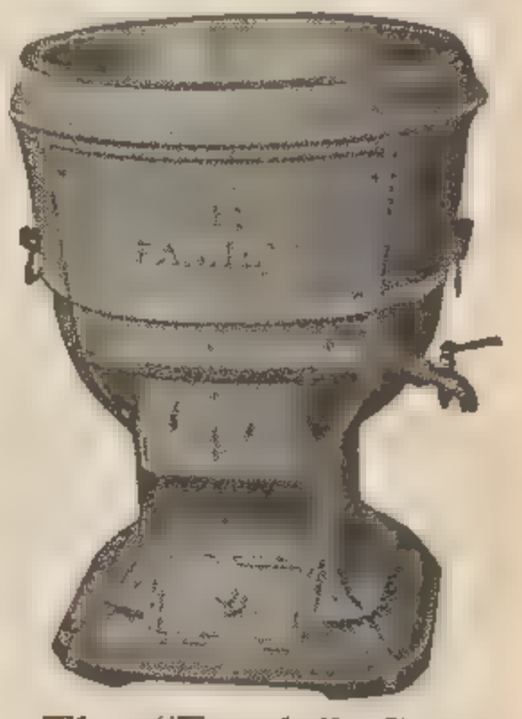
D65.—Spun—10, 12, 14, 16, 18 20 gallons (light weight).
D66.—Spun—10, 12, 14, 16, 18 20 gallons (medium weight).
D67.—Special Heavy Quality Spuners—10, 12, 14, 16, 18, 20 gallon.

Cast Iron Copper

D68.

Suitable for Boiling Down, or for any purpose where it is necessary to use Cast Iron in place of the ordinary Copper.

Can be obtained in any size, from 10 to 100 gallons.



The "Family" Cast Iron Copper Frame

D69.

The "Family" is substantial and of good appearance. Finished Aluminium. Fire Box is lined with Cast Iron Cheeks, protecting the Frame from Fire. It has a circular Flue, which distributes the heat around sides and bottom of Copper.

Fitted with Sliding Fire Doors, Ash Pan, and 4 ft. Flue Pipe and Hood. Draw-off Tap extra.

"ECLIPSE" Cast Iron Copper Frame

D70.

This Copper Frame is our latest production in this line, and incorporates every modern improvement. It is made in sections, as are all our frames, and is of particularly handsome appearance. It has a totally enclosed ashpan, which prevents sparks flying. It is also fitted with a special flue of our own design, which absolutely prevents the annoying choking of the flue, and also gives a perfect draught. This flue has been highly praised by experts.

"UNIQUE" Copper Cast Iron Boiler Frames

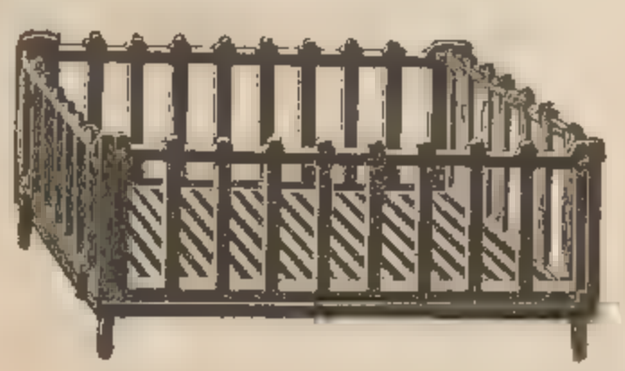
D71.

	Inside Top
10 Gallons	18¾"
12 Gallons	19¾"
14 Gallons	20½"
16 Gallons	22"
18 Gallons	22¾"
20 Gallons	24"
25 Gallons	25"
30 Gallons	26"

With each is supplied a 3 feet length of Galvanised Iron Chimney.

Extra Lengths, 3/- each.

COKE GRATES FOR USE IN OPEN FIREPLACES



Box Pattern

D72.

Supplied either with or without Trivet

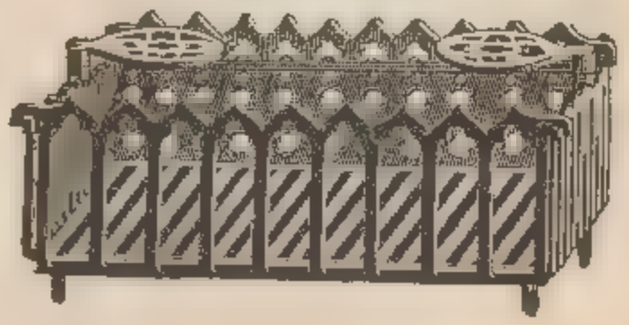
Sizes: 12", 14", 16", 18"

Basket Pattern

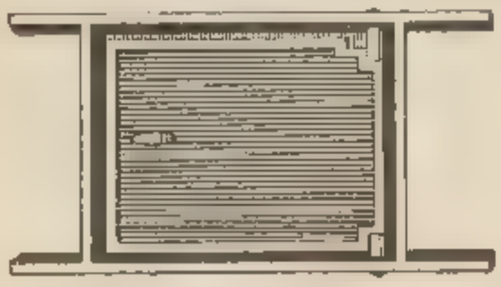
D73.

Supplied either with or without Trivet

Sizes: 14", 16", 18" wide



FOR ILLUSTRATION OF "ACME" WRINGER TURN TO PAGE 91



Furnace or Copper Doors and Grates

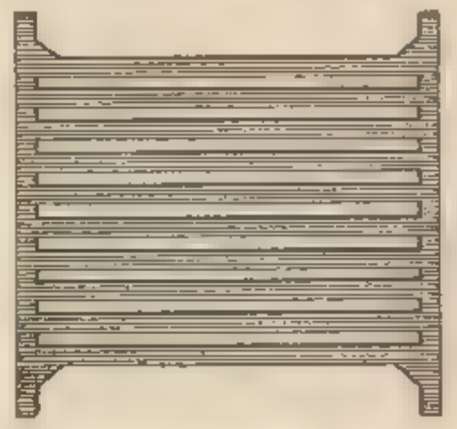
D74.

Can be had singly or in pairs in the following sizes: 6" x 8", 7" x 9", 8" x 10", 10" x 12", 12" x 14".

We will make Grates to fit any size Stove. When ordering, please give measurement over all.

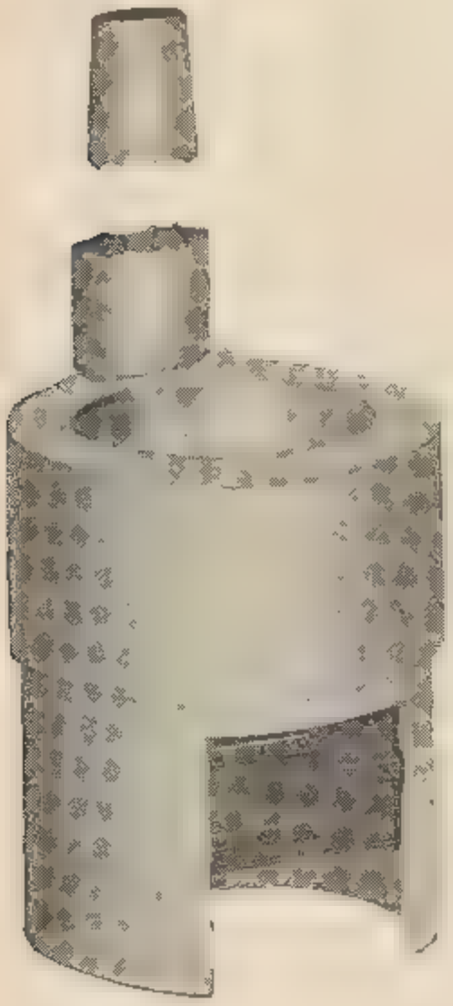
Grates Made to Fit Any Size Stove

D75. —Dampers may be had as follows, complete—Sizes: No. 1, No. 2 No 3



We can supply extra Flue Pipe for Coppers and Stoves, in either Galvanised or Black Iron.
We recommend Black Iron for Stoves and Galvanized for Coppers.

DANKS FOR VALUE



Simpson's Portable Magnecrete Boiler Stands

D76.

Simpson's Portable Magnecrete Boiler Stands are CONSTRUCTED OF REINFORCED MAGNECRETE IN TWO SECTIONS.

Sections for Chimney are in 1 foot and in 1 ft. 6 in. lengths.

These stands are a great aid to economy. The cost of a Magnecrete is saved in first year by remarkable saving of fuel because of the perfectly set boiler and low thermal conductivity lessening radiation.

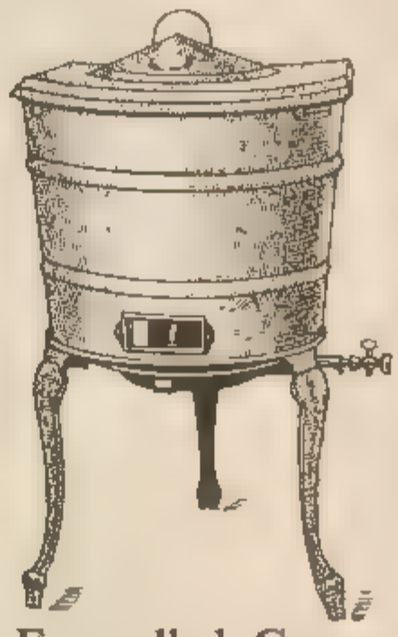
Sizes 10 to 40 gallons supplied at short notice.

Foundation Slabs for Wooden Floors and Flue Pipes extra

The "Rose" Copper Frame

D77.

Made of Cast Iron throughout, and sent out with 4 ft. Galvanised Flue Pipe, with Cowl.
Made in 10 and 12 gallon sizes.



Enamelled Copper

D78.

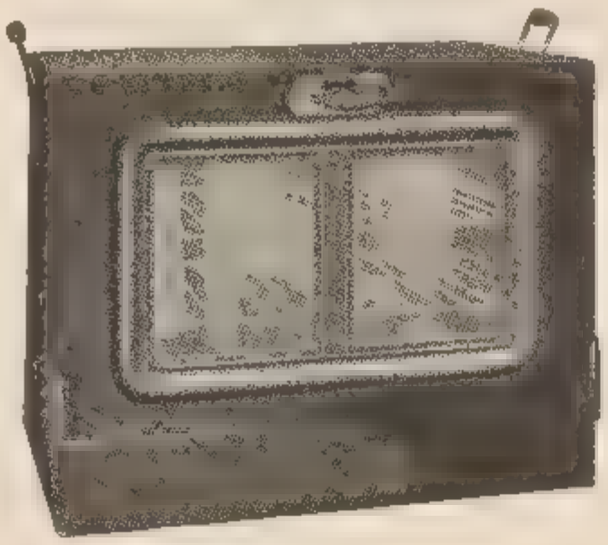
Made of Heavy Gauge Iron and mounted on Strong Cast Iron Legs. Inside of Copper is heavily lined. Supplied with Enamelled Top and Cover and Gas Main Cock to connect to Gas Supply.
Capacity of Stock Sizes: 10, 12, 14 gals. Larger sizes made to order
All Coppers are fitted with ¾" Draw-off Tap and with Sliding Door to regulate Air Supply. Galvanised Iron Flue Pipe, with Cowl, extra

Black Sheet Steel Portable Copper Frames

D79.

We can supply from stock these Black Sheet Iron Frames, complete with Flue Pipe and Cowl and Cast Iron Grating
In 10, 12, 14, 16, 18 and 20 gallon sizes. Larger sizes, up to 100 gallons, to order.

ORDER BY NUMBER ONLY—
Do Not Cut Catalogue.



D80. Oven for Use with Kerosene Stoves (At left)

This Oven is very strongly constructed. It is reinforced in all vital parts, and is a really good, sturdy oven that will last. The body is made of heavy gauge steel. There are full tin linings at ends and back and top, which deflect the heat evenly, and a further lining of asbestos to make doubly certain that the heat is retained inside the Oven. This ensures a saving in fuel and better baking results.

A Heavy Sheet Iron Deflector spreads the heat from the flame evenly to all sides of the Oven. It has a strong Iron Door with Glass Panels, is smart in appearance, and each Oven is fitted with Strong Wire Racks.
Stocked in one and two Burner sizes

For FUEL STOVES, See Page 85.

High Quality Gas Rings

Gas Burning Rings

D81.

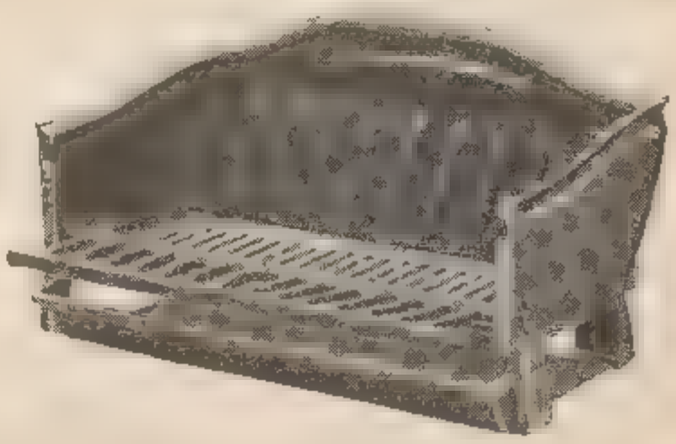
Size: 4½", 5", 6"
Note.—The 6" size has air regulator.

Coke Grate for Open Fireplace

Drop Front

D82.

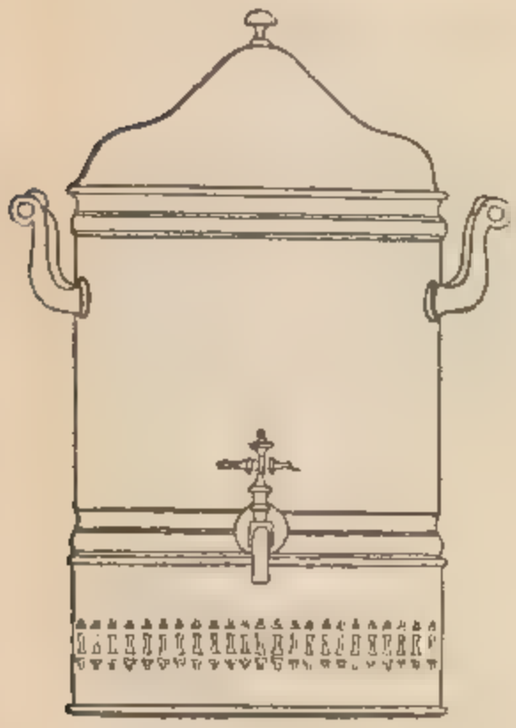
Sizes: 14", 16", 18" wide.



WRITE FOR PARTICULARS OF GAS STOVES AS ILLUSTRATED ON PAGE 91

JOHN DANKS & SON PTY. LTD.

MELBOURNE AND SYDNEY



D83.

TEA OR COFFEE URNS

Suitable for Hotel, Cafe, or Factory use.

These are good strong Copper Urns in heavy gauge metal. They are made with One Tap only, for Tea or Coffee; or with two Taps and division for Tea and Coffee. Finished in polished copper or heavily nickel-plated These Urns can also be had in Polished Tin, with all details as in Copper.

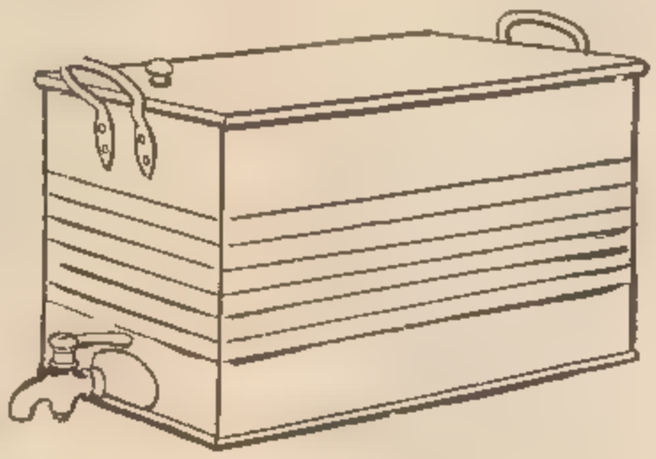
Sizes: 2, 3, 4, 6, 8, 10 gallons.

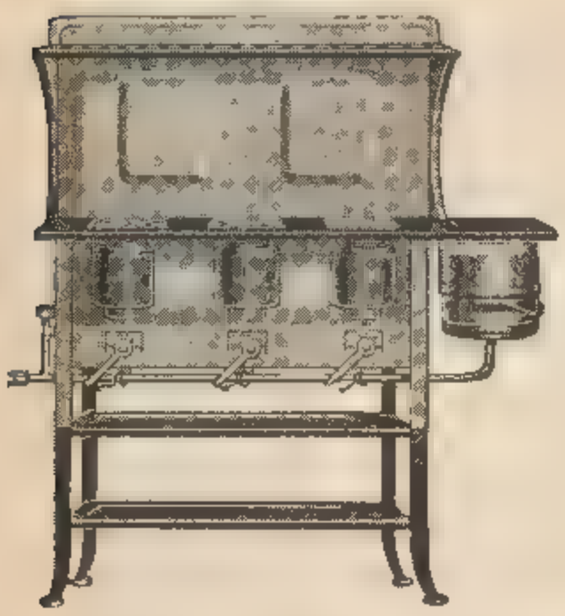
D84.

HOT WATER FOUNTAIN

Made of heavy Copper, tinned inside; brass tap; for use on top of stove.

Sizes. 2, 3, 4, 6, 8, 10 gallons.





OIL STOVE

D85.

This new stove is just the right size for the average family. It is fitted with three powerful burners, with asbestos wicks—Safety, Cool Kitchen, Fast Cooking, Economy, Beauty, Simplicity and Rockweave Trouble-proof Burners.

Made also with two burners.

SILEX

ALL STEEL ICE REFRIGERATORS

D86.

This medium priced but very attractive model has baked enamel finish and has the capacity to meet the needs of most large families

Air conditioned by the use of the exclusive "Silex" system of air circulation by means of pressed directional vanes, in conjunction with insulated air circulation control tray.

Overall sizes, excluding hardware 45 in x 22¼ in x 17½ in.

Capacity of Food Compartment, 2.9 cub. ft.

Number of Shelves, 3

Area of Shelf Space, 4¾ sq. ft

Door Opening of Ice Compartment, 17 in. x 10 in.

TILLEY LAMPS are BRITISH MADE

Introducing the

NEW ALL-PURPOSE LAMP AND LANTERN

D87.

This is the most popular of all Tilley Lamps. It can be used as a storm lantern or hanging lamp by sliding on reflector as illustrated, or as a table lamp by removing the reflector and handle. Made of brass and fitted with English Pyrex Globes and solid brass internal pump. The single silk mantle is supported top and bottom, and is extremely strong, and will not shake off.

TALL TABLE LAMP

D88.

A really fine Lamp beautifully finished in lacquered brass. Has a fine fluted column and stands 24" high, throwing a steady light over a large area. This Lamp develops 300 candle power, and as it is simple and easy to operate, is indispensable for the lounge or dining-room. Fitted with white Resistopal Shade, or, if preferred, parchment of various colours.

TILLEY LAMPS

Burn Kerosene and are Perfectly Safe

WE STOCK ALL GRADES OF ICE CHESTS

The Magic Influence of Color through

WALLPAPER

the Modern Motif for Interior Decoration

Nothing contributes more to the effect your home has on you and your friends than the treatment of the walls.

Nothing brings so much life, light and colour to your surroundings than carefully selected wall-papers.

Wallpapers are economical, too! No other wall treatment offers you the same wide variety of designs, textures or colourings, and the many exquisitely lovely patterns now available give you unlimited scope to exercise your good taste

To brighten a room, or to bring a new joy of living into your home, decorate with wallpapers . . . the modern motif in interior decoration.

FREE SAMPLES

Free samples are gladly forwarded on request. When writing, mention the approximate price per roll you wish to pay and the type of room or rooms to be decorated. Prices range from 8d. to 20/- per roll, and borders to harmonize with every pattern are available at from 1d. per yard up to 1/6. The table on next page will show you how many rolls you require, which may help you in deciding what quality paper you will use.

STANDARD SIZES

A standard size roll of wallpaper is 12 yards long and 21 inches wide. This will cover about 60 square feet. (See also table on next page.) Canadian and American papers of the better qualities are obtainable in rolls 15 yards long and 30 inches wide. These cover nearly twice the area of a standard size roll.

It has been found impracticable to show even a fraction of the many designs and qualities of wallpapers in our showrooms. The range is so wide and new patterns are constantly arriving, so that no selection restricted to a few samples would do justice to our stocks.

You should write for our free samples, when we will gladly send you cuttings of our current range, including the newest designs from our latest shipments.

DANKS' FOR THE LATEST IN WALLPAPERS

CONSULT US ABOUT YOUR WALLPAPER PROBLEMS

JOHN DANKS & SON PTY. LTD.
MELBOURNE AND SYDNEY

CALL AND INSPECT OUR BUILDING SPECIALITIES

"STIX" COLD WATER PASTE for Wallpapers

"STIX" PASTE is highly recommended for Hanging Wallpapers, and 1 lb. is sufficient to hang approximately 8 to 10 rolls of medium quality wallpaper. May be obtained in ½ and 1 lb. Cartons or Linen Bags, and various sized packages up to 28 lbs.

Other Lines handled by this Department:

HESSIAN

6 ft. Wide, for Paper Hanging. 14 oz Calcutta; 18 oz. Calcutta; 16 oz. Dundee. (Guaranteed free from oil.)

VITRAUPHANIE

Window Transfers, Imitation Leadlight Effects Modern Designs Also in Plain Colours: Red, Green, Blue and Amber; all 18" wide.

WALL BOARDS

For Lining Rooms, Ceilings, Window Backgrounds, Partitions, etc.

- * **Nelson Board:** [illegible] thick, plain cream surface, [illegible] sheets 6' x 3' and 6' x 4', up to 12' x 3' and 4'
- * **Upson Processed Board:** 3/16" thick, stippled cream surface, 6' x 3' and 6' x 4'. Sheets upward to 12' x 3' and 4'
- * **Essex Board:** [illegible]" thick, plain in same size sheets as above.
- * **Gretex Board:** 3/16" thick, plain in same size sheets as above
- * **Ankarboard:** Hardboard—glazed surface
- * **Ankarboard:** Heat and cold insulating and sound absorbing, in sheets 6' x 3' up to 6' x 12', ¼ [illegible] ½" thick
- **Tilux Asbestos Cement Wall Lining:** In Colours
- * **Duratile Asbestos Cement, Plain.**
- **Fibro Asbestos.** Sheets for exterior [illegible] interior [illegible]
- * **Care-ite:** [illegible] ¼, ½" thick in plain and very fine [illegible]
- **Masonite.**
  - Presdwood [illegible] ¼" thick
  - Tempered Presdwood [illegible] ¼ [illegible]
  - Temprtile: ⅛, [illegible] thick
  - Quarterboard De Luxe. ¼ [illegible]

* Lines marked thus stocked by Sydney House only

OIL BAIZE AND FABREX CLOTH

Used Extensively for Kitchen and Bathroom Walls. Our Stock comprises a wide selection of designs from all Makers. Every Pattern a popular seller, 45", 48" and 50" wide.

Also a complete range of attractive designs in SHELVING BAIZES, 11" wide.

Helpful Hints for Home Decorators

WALLPAPERS AND LIGHT

When selecting wallpapers, it is often useful to know what effect the colour of the paper has on light, as householders frequently pay too much for gas or electric lighting simply because the wall coverings absorb a large percentage of the light rays. The table below shows the percentage of light absorbed by various colours, from which it is obvious that the lower the percentage of light absorbed, the brighter will be your room.

Colour	% of Light Absorbed	Colour	% of Light Absorbed
White	30	Emerald Green	82
Chrome Yellow	38	Dark Brown	87
Orange	50	Blue-Green	88
Yellow	60	Cobalt Blue	88
Light Pink	64	Chocolate	96

GUIDE TO QUANTITY OF ROLLS REQUIRED TO PAPER A ROOM

(Standard Rolls, 12 yds. x 21 ins.)

Measure round Walls, including Doors and Windows.

Measurement Round Room	Height in Feet from Skirting to Cornice						Number of Standard Size Rolls Required.
	7 ft.	8 ft.	9 ft.	10 ft.	11 ft.	12 ft.	
32 feet	4	5	5	5	6	6	
36 "	5	5	6	6	7	7	
40 "	5	6	6	7	7	8	
44 "	6	6	7	8	8	8	
52 "	7	7	8	9	9	10	
56 "	7	8	9	10	10	10	
60 "	8	8	9	10	11	11	
64 "	8	9	10	11	11	12	
68 "	9	9	10	12	12	13	
76 "	9	10	12	13	13	14	
80 "	10	11	12	14	14	15	
84 "	10	12	13	14	15	16	
92 "	11	13	14	16	16	17	
96 "	12	13	15	16	17	18	
100 "	12	14	15	17	18	18	

RE-DECORATION CALLS FOR "MODERN WALLPAPERS"

"B.P." Berger's Paint (Prepared)

For the inside and outside painting of homes and buildings. You get enduring beauty and absolute protection with "B.P."—Australia's foremost house paint. "B.P." quality is guaranteed on the can. "B.P." Undercoats are heavy in body so that they may be reduced for use as Primers or Undercoats to suit the type of surface on which they are to be applied. Supplied in: Dark Green, Cream, Light Brown, Green, Stone, Grey, Pink.

Synthetic "B.P." is designed especially for Trimming Work. The colours dry with an enamel-like gloss and withstand the elements for longer than any other similar paint. "B.P." is obtainable in 5-gallon drums, 1-gallon, ½-gallon, ¼-gallon, pint and ½-pint tins.

160 IVORY

101 LIGHT BUFF

161 CREAM

102 LIGHT STONE

104 STRAW

103 MID. STONE

168 DEEP STONE

120 LT. APPLE GREEN

* 121 NAVY GREEN

* 122 LIGHT GREEN

* 143 VENETIAN GREEN

* 157 DEEP GREEN

4536 CHOCOLATE

117 RICH BROWN

* 142 MAIL RED

140 PURPLE BROWN

126 FRENCH GREY

127 SMOKE GREY

169 DARK TAN

130 PALE BLUE

164 DEEP BLUE

Shades marked thus * are higher in price.

COMPLETE COLOUR CARD AVAILABLE ON REQUEST

JOHN DANKS & SON PTY. LTD.
MELBOURNE AND SYDNEY

Berger's *"KEEPS ON KEEPING ON!"*

DANK'S FOR BERGER'S PAINTS AND VARNISHES

BERGER'S HOME PAINTING GUIDE

ALL FINISHES QUOTED BELOW WILL BE FOUND UNDER THE BERGER LABEL.

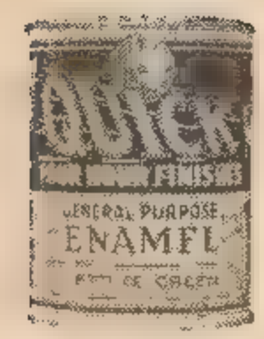
SURFACE	TO PAINT Use product named below	TO ENAMEL Use product named below	TO STAIN Use product named below	TO VARNISH Use product named below
BRICK WALLS (Exterior)	Prime with "Dusseal," Finish with "B.P." or Cement and Waterproof Paint	Prime with "Dusseal," undercoat and finish with Kem Super Finish		Weathertite (Clear, Waterproofing) Cannot be painted over Or 2 coats of Brick Glaze
CONCRETE WALLS CEMENT SHEETS (Exterior)	Prime with "Dusseal," Finish with Cement and Waterproof Paint or "B.P."	Prime with "Dusseal," undercoat and finish with Kem Super Finish		
CEMENT SHEETS (Interior)	Prime with "Dusseal," Finish with Matone "B.P.," "F.O.B." Cold Water Paint or Kalsomine	Prime with "Dusseal," Finish with Matone or Synthelac Satin Finish or Full Gloss or Kem Super Finish		
CEMENT FLOORS	Pave-ol Paving Paint		Lime-Proof Colours mixed with Cement	
EXTERIOR WOOD SURFACES	"B P." Berger's Paint (Prepared)	Kem Super Finish or Enamelac (White)	Flat Stain and Varnish or Arboreum Wood Preservative—Brown	M.P. Copal, Fine Outside Oak or Synthelac Clear
EXTERIOR METAL SURFACES	Promeum Primer followed by "B.P.," Silverglo, Anti-Corrosive Paint, Ebonite or Hemacote	Promeum Primer followed by Kem Super Finish or Palladium		
FLOORS (Interior Wood)	Pave-ol Paving Paint		Flat Stain, "Quick" Stain or Homecraft Varnish Stain	"Quick" Clear or Special Floor Varnish
GALVANISED IRON SURFACES	New Iron, Prime Galvanised Iron Primer, Finish Structural and Roof or Hemacote	Prime with Galvanised Iron Primer or "pickle," follow with Kem Undercoats and Kem Super Finish		
INTERIOR WALLS AND CEILINGS	Matone-Flat Oil Wall Paint, "F.O.B." Cold Water Paint or Kalsomine	Enamelac (White), Synthelac— Full Gloss or Satin Finish or Kem Super Finish		
INTERIOR WOOD TRIM	"B.P." Berger's Paint (Prepared)	Kem, Synthelac Full Gloss or Satin Finish or "Quick"	Flat Stain, "Quick" Stain or Homecraft Varnish Stain	Fine Inside Oak, Nevamar, Synthelac Clear or Eggshell Flat
PORCH FLOORS	Pave-ol Paving Paint		Flat Stain	Special Floor Varnish or "Quick" Clear
RADIATORS AND PIPES	Silverglo or Matone	Engine Enamel or Synthelac		Nevamar Varnish
ROOFS (Metal)	Structural and Roof Paint, Anti-Corrosive Paint, Silverglo or Hemacote			
ROOFS (Wood Shingle)			Arboreum Wood Preservative—Brown	
STACKS AND HOT SURFACES	Silverglo or Smoke Stack Black	Engine Enamel		
STRUCTURAL STEEL	Prime Ledquid (Liquid Red Lead) or Promeum. Finish Structural and Roof, Anti-Corrosive Paint, Hemacote or Silverglo	Prime with Promeum. Finish with Kem Super Finish or Synthelac Full Gloss Finish		
TO DAMP-PROOF FOUNDATIONS	Asphaltum Black or Ebonite			
TO DAMP-PROOF WALLS	Damp Resister or "Dusseal"			
WOOD PRESERVATIVE			Arboreum Wood Preservative—Brown	Weatherboard Oil

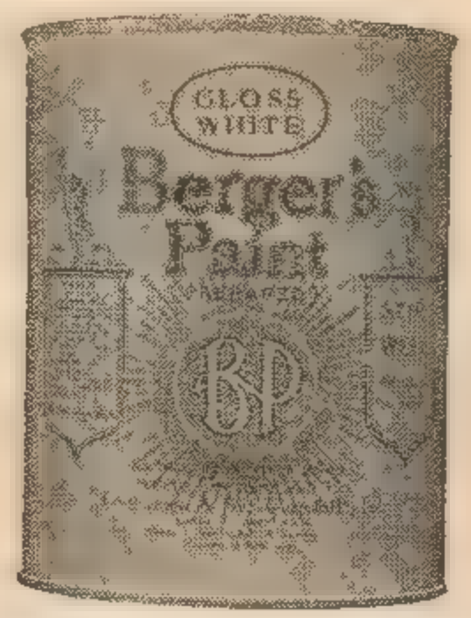
Colour Cards free on request

JOHN DANKS & SON PTY. LTD.
MELBOURNE AND SYDNEY

APPROXIMATE COVERING CAPACITIES OF BERGER'S PRODUCTS

NAME OF PRODUCT.	SQUARE FEET PER GALLON (ONE COAT).
"B.P." Berger's Paint (Prepared)	850 to 1000 sq. ft. (on wood).
Cement and Waterproof Paint	800 sq. ft. over "Dusseal."
"Dusseal" (Cement Sealer)	300 to 320 sq. ft. on cement; 500 to 600 sq. ft. on plaster.
Facite (Facsimile Stone Finish)	30 to 33 sq. yds. per gall. (depends on thickness of application).
Factory White	1050 sq. ft. per gallon.
Flat Stain	500 to 600 sq. ft.
"F.O.B." Cold Water Paint	800 to 850 sq. yds. per cwt.
Galvanised Iron Primer	900 to 1000 sq. ft.
Hemacote	1200 sq. ft. reduced as instructed.
Homecraft Varnish Stain	500 to 600 sq. ft.
Kalsomine	350 to 500 sq. ft. per 5-lb. packet.
Kem Super Finish	650 to 675 sq. ft.
Master Painters' White	According to reduction.
Matone—"Wet-Edge" (Washable Wall Paint)	880 sq. ft. on rough surface; 1150 sq. ft. on smooth plaster when reduced 5 per cent. with Turpentine.
Pave-ol Paving Paint	600 sq. ft. on wood; 450 sq. ft. on cement.
Promeum Primer	925 sq. ft. when brushed.
"Quick" Enamel—Four-Hour Finish	650 to 675 sq. ft.
"Quick" Stain—Gloss Finish	500 to 600 sq. ft.
Rockgloss (Leadless) House Paint	700 to 750 sq. ft.
Rose Brand Ready Mixed Paint (sold by weight)	245 sq. ft. per 7-lb. tin.
Silverglo—Heat-resisting and Standard	850 to 1000 sq. ft. on any surface.
Stiff White Lead	According to reduction.
Structural and Roof Paint	900 to 1000 sq. ft.
Surtint (Strong Liquid Stainer)	For staining any white base.
Synthelac Full Gloss Finish	650 to 675 sq. ft.
Synthelac Pastel Tints (Full Gloss and Satin Finish)	650 to 675 sq. ft.
Tex (Texture Wall Finish)	1¾ to 2-lb. per sq. yd., reduced 14-lbs. Tex to one gallon water.
Timonic White	According to reduction.
Varnishes	550 to 600 sq. ft. (average).
White Lead Paint	According to reduction.





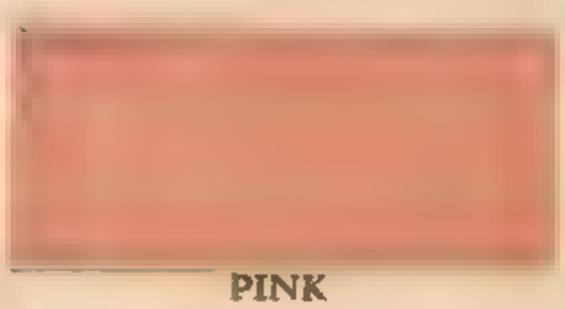
Berger's ROCKGLOSS

(Leadless) HOUSE PAINT

"ROCKGLOSS" HOUSE PAINT is a ready-to-use leadless paint for either interior or exterior use, possessing splendid body and great obliterative power. It works easily and flows out well under the brush, drying hard with a glossy surface in from 10 to 15 hours, depending on weather conditions. Other shades not included below:—Venetian Red, Royal Blue, Middle Blue, Bungalow Brown, Pale Blue, Bright Blue and Platinum Grey. Obtainable in 1-gallon, ½-gallon, ¼-gallon, pint and ½-pint tins.

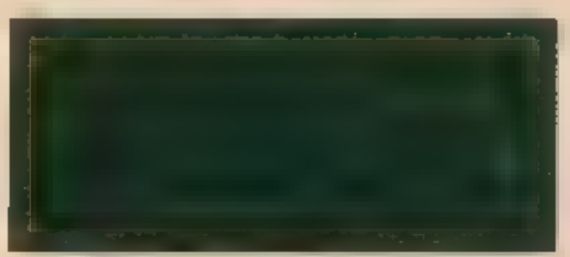
CREAM

APPLE GREEN


PINK

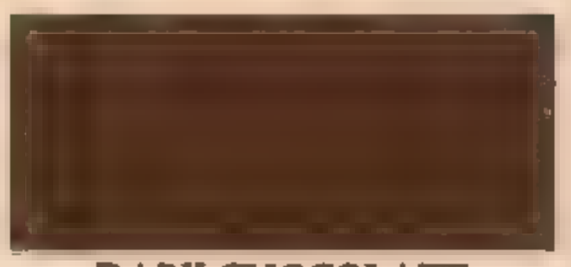
LIGHT STONE

SHAMROCK GREEN


DARK IVY GREEN

MID. STONE

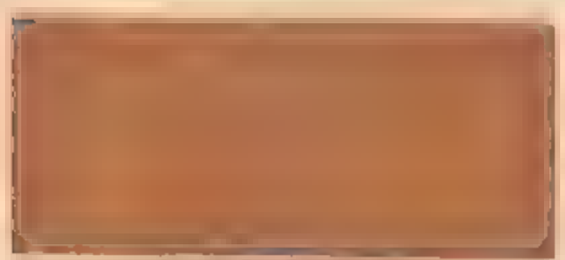
HOLLY GREEN


DARK CHOCOLATE

TERRA COTTA

WARATAH RED

DARK TAN


DEEP STONE

LIGHT TAN

PRIMROSE

BUFF

FRENCH GREY

SUEDE GREY

ROOF RED

CHOCOLATE

SALMON PINK

COMPLETE COLOUR CARD AVAILABLE ON REQUEST

JOHN DANKS & SON PTY. LTD.

MELBOURNE AND SYDNEY

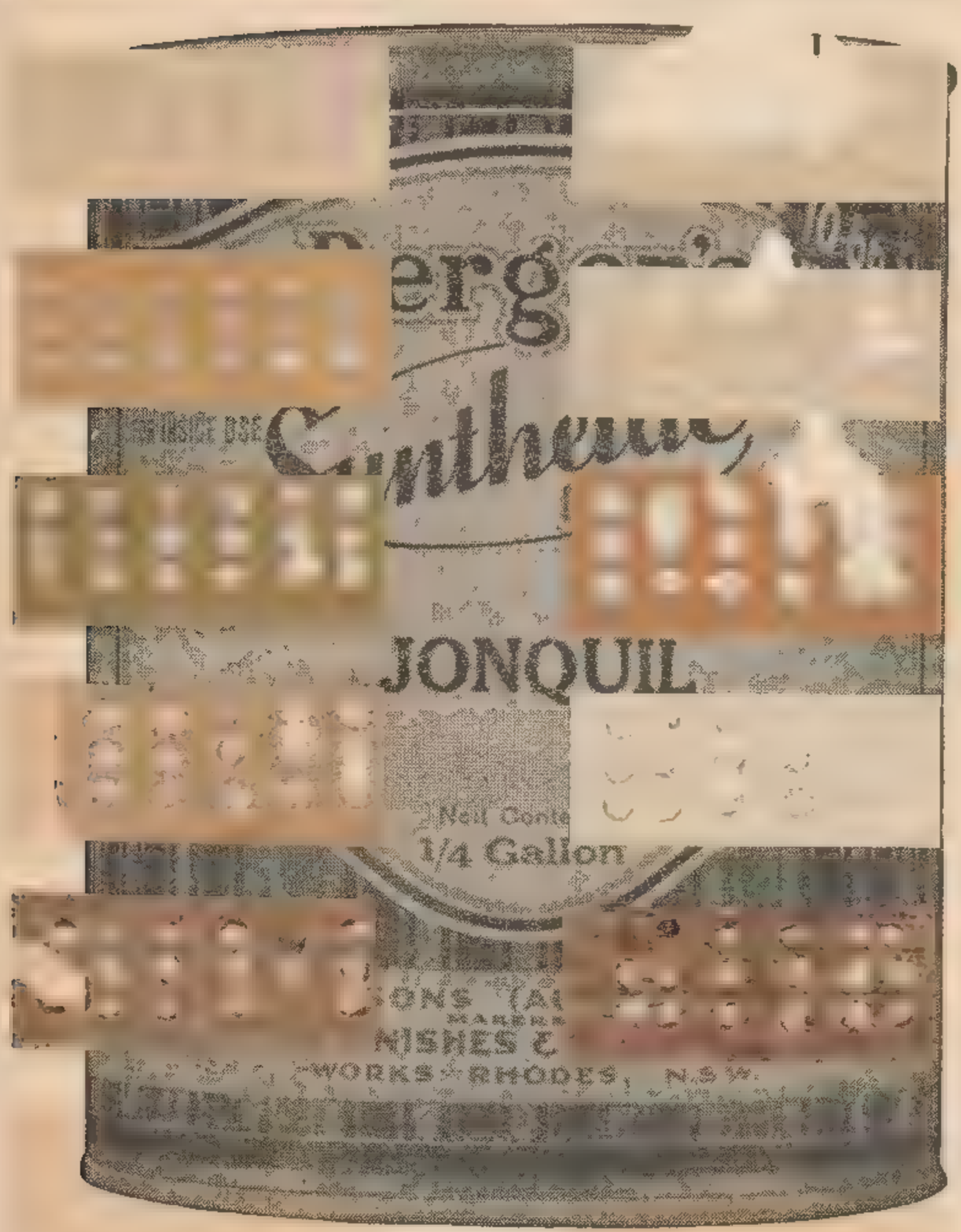
A "10-66" PRODUCT TRANSCENDING ALL OTHERS

KEM SUPER FINISH

"KEM" Super Finish is the ideal finish for cars, trucks, farm machinery and for house decoration. "KEM" dries with a gloss like glass and the finish is so flexible that it will not crack, chip nor peel. "KEM," because of its toughness and durability, greatly reduces costs for upkeep. A "KEM" finish is practically scratch and mar proof. In no other [illegible] of manipulation [illegible] ch enduring, glo[illegible]

[illegible] colours, and 10 [illegible] g Black and Wh[illegible]

[illegible]llons to ¼-pints.



FULL GLOSS AND SATIN FINISH

SY[illegible]

FOR [illegible]

CEI[illegible]

SYNT[illegible]
Full [illegible]
Satin [illegible]
and ce[illegible]n
is preferred to the usual matt finish. With Satin Finish on the walls, an excellent contrast may be obtained by using SYNTHELAC Full Gloss tints of a similar hue for the woodwork. Ease of brushing and perfect drying without the slightest blemish or brush-mark characterise these SYNTHELAC Finishes and maintain their leadership for interior decoration.

Supplied in 54 vibrant, full gloss colours, the pastel tints of which are available in Satin Finish. Colour cards free on request. Obtainable in tins from Quarts to ⅛-pints.

A "10-66" PRODUCT TRANSCENDING ALL OTHERS

DANK'S FOR PAINTS, VARNISHES AND PAINTERS' NEEDS

"QUICK" ENAMEL AND STAIN

A 10·66 PRODUCT TRANSCENDING ALL OTHERS

It's wonderful what a little "QUICK" Enamel can do to brighten up home life! You simply brush it on for a lasting glossy surface that can be kept clean with just a whisk over with a damp cloth. "QUICK" dries in four hours and will not crack, chip nor peel. The complete range comprises 33 delightful colours, some of which are displayed below. Supplied in tins from Quarts to ½-pints.

More often than not stained floors and carpet surrounds wear very quickly near open doorways. You can easily restore the full glossy colour when this happens if you use "QUICK" Varnish Stain. "QUICK" Varnish Stain produces a handsome stained and varnished effect in one operation. It is for use on floors and woodwork, and is made in 9 natural wood shades. Supplied in tins from Quarts to ½-pints.

LIGHT IVORY

LI BLUE

JADE

IVORY

SPRING GREEN

CINNAMON BROWN

CREAM

CH BLUE

NILE GREEN

LETTUCE

YELLOW

POWDER BLUE

CHAMPAGNE

FOREST GREEN

CARMINE

LIGHT OAK

MAPLE

ROSEWOOD

DARK OAK

WALNUT

JACOBEAN

COMPLETE COLOUR CARD AVAILABLE ON REQUEST

JOHN DANKS & SON PTY. LTD.
MELBOURNE AND SYDNEY

OTHER BERGER FINISHES

FOR HOUSEHOLD DECORATION

PAVE-OL PAVING PAINT

PAVE-OL is a hard-wearing paint made especially for the purpose of beautifying and protecting all types of concrete paths and floors, wood verandah floors and worn linoleums! PAVE-OL does not show heel marks and is MADE TO BE WALKED ON! Made in 13 lasting colours, Black and White, and a special Clear for Linos.

Supplied in tins from Gallons to ½-pints.

"F. O. B." COLD WATER PAINT

"F.O.B." is an oil-bound paste paint that only requires cold water for thinning, and may be obtained in 12 delicate colours and white. It is inexpensive, clean, hygienic and a perfect light reflector.

Supplied in tins from 56-lbs. to 2-lbs.

STRUCTURAL & ROOF PAINT

Give the roof of your home a saving coat of Berger's ROOF PAINT and rest assured that it is safe from decay and unnecessary repairs. One coat gives a solid covering that withstands sun, wind and rain. Made in seven colours, Black and White.

Supplied in tins from Gallons to Pints.

"WET-EDGE" MATONE

Berger's "Wet-Edge" MATONE provides a beautiful enduring finish for interior walls and ceilings. Its matt surface is pleasing and restful to the eyes, as it does not reflect light with a glare. Furthermore, each one of the 28 shades is washable and fadeless.

Supplied in tins from Gallons to Pints.

DUSSEAL—CEMENT SEALER

An efficient sealer for cement surfaces, protecting succeeding coats of paint from adverse action of cement alkali. Whilst closing pores of cement, also acts as a primer, thus dispensing with one coat of paint.

Supplied in tins from Gallons to ½-pints.

BERGER'S VARNISHES

NEVAMAR — Water-resisting, interior varnish for furniture and woodwork.

SPECIAL OAK—An interior varnish for use where an inexpensive finish is required.

SPECIAL FLOOR VARNISH — Recommended for new hard-wood floors. Will not show heel marks and is readily washable.

Berger's

PAINTS & VARNISHES

"Keep on Keeping on!"

FOUNDED IN LONDON—1760

BERGER'S SILVERGLO (ALUMINIUM PAINT)

Water-proof.
Heat-proof.
Rust-proof.

For use on
Water Pipes,
Gas Stoves,
Coppers,
Wire Gates,
Iron Work,
Bath Heaters,
Meat Safes,
Motor Engines.

Sizes:
1, ½, ¼, ⅛ galls.
1/16, 1/32, 1/64 galls.

ALUMINIUM
ALUM POWDERED
ACID OXALIC

PAINTERS' BRUSHWARE

VARNISH OR ENAMEL

SPECIAL
Sizes: 1", 1½", 2", 2½", 3", 3½", 4".
Pure Bristle. Medium length.
A Brush for the Amateur.

No. 15
Sizes: 1", 1½", 2", 2½", 3", 3½", 4".
Pure Bristle. Long length.
Suitable for Tradesman's use.

"PEERLESS"
Sizes: 1", 1½", 2", 2½", 3", 3½", 4".
Pure, extra long Bristle.
High-grade Tradesman's Brush.

"M"
Sizes: 1", 1½", 2".
A cheap, short, pure Bristle Brush.

*** "PETER"**
Sizes: ½", 1", 1½", 2", 2½", 3", 3½", 4".
Pure Bristle. Medium length.
Suitable for Amateur or Tradesman's use.

PAINTERS' BRUSHWARE (Continued)

VARNISH OR ENAMEL

*** DANKS "A"**
Sizes: 1", 1½", 2", 2½", 3", 3½", 4".
Pure, extra long Bristle.
A Craftsman's Brush.

*** BONDZA**
Sizes: 1", 1½", 2", 2½", 3", 3½", 4".
Pure Bristle. Similar to Danks "A."

*** STREAMLINE**
Sizes: 1", 1½", 2", 2½", 3", 3½", 4".
Pure, long Bristles.
Set in seamless, stamped Copper Ferrule.
Without nails.

*** SHUTTER**
Sizes: 1", 1½", 2", 2½", 3", 3½", 4".
Pure Bristle. Thin.
Made especially for Louvres.
Medium Sizes.

WALL OR PAINT BRUSHES

"PEERLESS"
Sizes: 3", 3½", 4".
Pure, extra long Bristles.
A high-class Tradesman's Brush.

EXTRA
Sizes: 3", 3½", 4", 4½", 5".
A pure Bristle Brush. Medium length.
Suitable for Tradesman or Amateur.

No. 24
Sizes: 3", 3½", 4", 4½", 5".
Medium length.
Pure Bristle Brush for Amateur.

*** WARATAH EXTRA BLACK**
Sizes: 3", 3½", 4", 4½", 5".
Pure, extra long Bristle.
Very full bodied.

*** "WAVERLEY"**
Sizes: 3", 3½", 4", 4½", 5".
Pure, long Bristle. Similar to Waratah.

LINES MARKED THUS * STOCKED BY SYDNEY HOUSE ONLY

PAINTERS' BRUSHWARE (Continued)

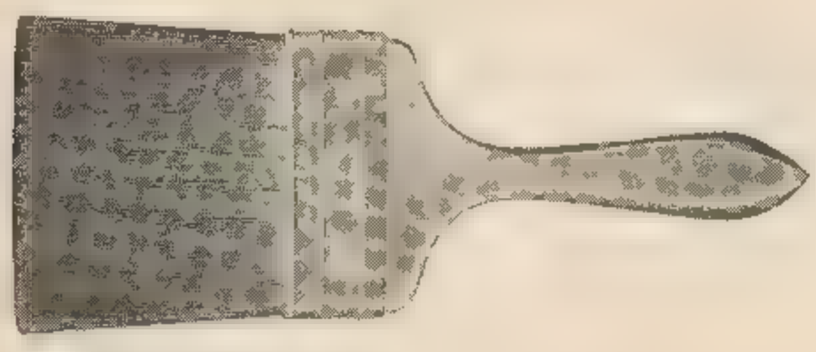
WALL OR PAINT BRUSHES

* BLACK BEVELLED WALL

Sizes: 3", 3½", 4", 4½", 5".
Pure Bristle.
Shorter than Waratah or Waverley.
Bevelled at tip, making it ready for instant use.

* GREY WEATHERBOARD

Sizes: 3", 3½", 4", 4½", 5".
Pure, long Grey Bristle.
Very flexible.
Set in narrow Metal Ferrule.
Wears exceptionally well.



KALSOMINE BRUSHES

No. 18

6" wide. Pure Bristle.
Good quality. Medium price.

No. 18 A

6" wide. Pure Bristle.
Better quality than No. 18.

No. 93

6" wide. Extra long Black Bristles.
High-grade Tradesman's Brush.

No. 7

5" and 6" wide.
Good value.

* STANPIL BLACK

6" wide. Pure, long Black Bristle.
Set in special Vulcanite that will withstand action of minerals contained in Water Paints.

* STANPIL GREY

Pure, long Grey Bristles.
6" and 7" wide.
Similar to Stanpil Black.

KALSOMINE BRUSHES (Continued)

* BONDZA BLACK

6", 7" and 8" wide.
Long Black Bristle.

* BONDZA GREY

6", 7" and 8" wide.
Long Grey Bristle.

* NERO

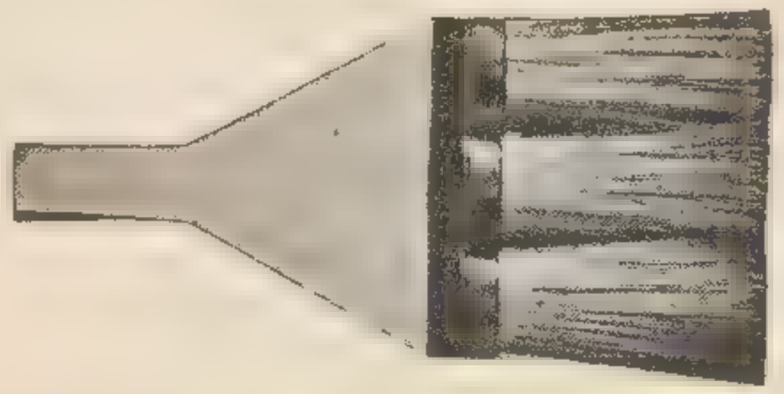
6" and 7" wide.
Pure Black, medium length Bristle.
Suitable for Amateur or Tradesman.
A good Brush for light work.

* DISTEMPER BLACK

Pure Black, medium length Bristle.
A little lighter in weight than Stanpil Black and cheaper in price.

No. 47

Sizes: 3½", 4", 4½", 5", 6".
A short Black, pure Bristle Brush.
Designed especially for Amateur work.
Cheap in price.



FIBRE WHITEWASH BRUSHES

2 Tie	3 Tie
No. 6	No. 6
No. 8	No. 8
No. 10	No. 10

Flat: 4", 5", 6".

We also carry full stocks—

Painters' Dusters, Stencil Brushes,
Cutting-in Brushes,
Round and Flat Hog Hair Fitches.
Artists' Brushes.
In fact, all Painters' Brush Requirements.

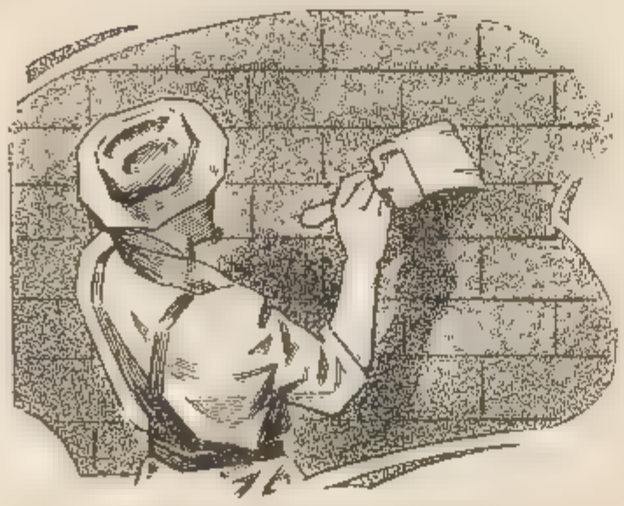
LINES MARKED THUS * STOCKED BY SYDNEY HOUSE ONLY

BRIKO

* ANTI-DAMP SOLUTION

A Colourless Preparation that will Waterproof BRICK, STONE and CONCRETE WALLS.

Sizes:
4 and 1 gall. Tins.
Covering Capacity:
15 to 20 sq. yds.
to the gall.
(2 coats.)



BOTANITE

A cheap Black Bituminous Enamel.
Suitable for Tanks, Sheep Troughs, etc.
Sizes: 4 gall., 1 gall., ½ gall., ¼ gall., ⅛ gall. Tins.

BLUESTONE BRUSH CLEANER

Quickstryp. Small Packets. Powder.
Lightning. Small Tins. Liquid.

BRONZES

Aluminium, Pale Gold, Deep Gold,
Copper, Antique.

CAR POLISH

Berger's Opex Liquid.
Berger's Opex Wax.
Adzon.
Johnson's "Carnu."

CEMENT

Portland or White.

CHALK

Lump, Powdered or Stick.

COLAS

4 gall. or 1 gall. Tins.

COPPERAS

Green and White.

CREOSOTE

Clear and Crude.
4 gall., 1 gall., ½ gall., ¼ gall. Tins.

DRIERS PATENT

Sizes: 28 lb., 14 lb., 7 lb., 2 lb., 1 lb. Tins.

DRY COLOURS

BLACKS

Vegetable, Lamp,
Carbon, Ivory Drop.

BLUES

Ultramarine, Prussian,
Celestial, Cement.

BROWNS

Purple Brown, Raw Umber, Burnt Umber,
Raw Sienna, Burnt Sienna, Spanish,
Vandyke Brown Powder,
Vandyke Brown Crystals.

GREENS

Cement, Light, Middle and Deep Brunswick.
Light, Middle and Deep Bronze,
Paris, Oxide of Chromium.

REDS

Spanish Oxide, English Venetian,
Australian Venetian, Australian Red Oxide,
Indian, Pyrites, Permanent Mail.

YELLOWS

Oxford Ochre, Australian Yellow Ochre,
Lemon, Middle and Orange Chrome,
Cement Yellow.

WHITES

Flake White,
White Lead, Dry.
Zinc White.

ENAMELS

BERGER'S FAMOUS "QUICK" ENAMEL

PAINT SECTION.

FOR KITCHEN, BATHROOM FURNITURE OR WALLS

LINES MARKED THUS * STOCKED BY SYDNEY HOUSE ONLY

JOHN DANKS & SON PTY. LTD.

MELBOURNE AND SYDNEY

BERGER'S BATH ENAMEL

WHITE AND COLOURS

Sizes:

¼ galls., ⅛ galls., 1/16 galls., 1/32 galls.

Also:

Undercoating for above. Same Sizes.

ENAMEL—PARKER'S

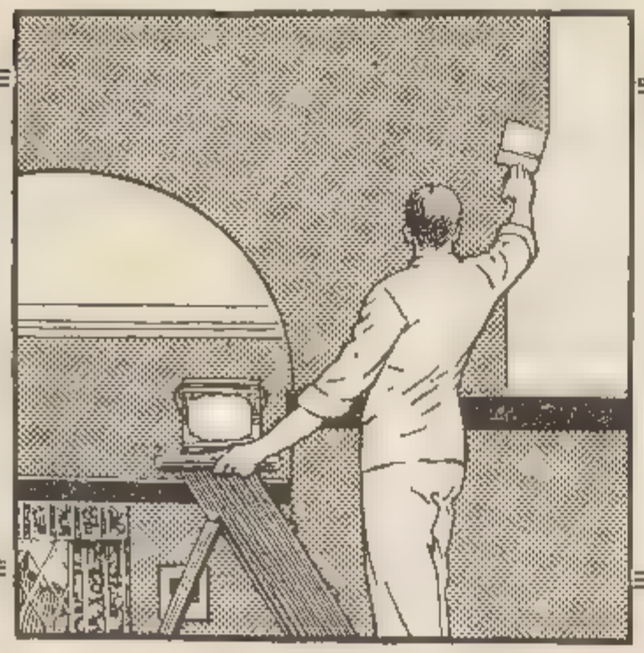
GOLD, ALUMINIUM, ANTIQUE, SILVER, COPPER.

Sizes: Midget, Small, Medium and Large Boxes.

BERGER'S "SYNTHELAC" ENAMEL

Made in Full Gloss and Satin Finish.
The Decorator's choice for Kitchen and Bathroom.
In Beautiful Pastel Tones.

Sizes:
¼ gall.
⅛ gall.
1/16 gall.
1/32 gall.
Tins.



Write Us for a Tint Card.

* "FISHOILENE"
Prevents Rust and Corrosion on Metal.
Sizes: 1 gall., ½ gall., ¼ gall., ⅛ gall. Tins.

FIREPLACE RED (BERGER'S)
½ pint Tins.

FURNITURE POLISH
Johnson's and Superglow.

GLASS PAPER
Oakey's English and Australian.
Grades: 00, 0, 1, 1½, F2, M2, S2, 2½, 3.

GLUES
Powdered, Sheet and Pearl.
Davis Liquid, Davis Gripit.
"Nuglu," Casco Waterproof, Varline.

GLYCERINE
Any quantity.

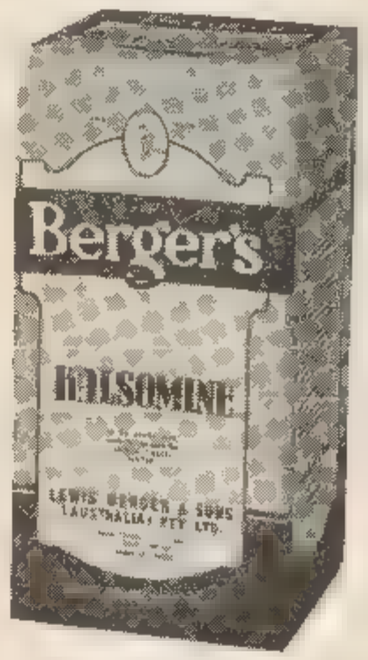
GOLD LEAF
Imported and Australian.
Books, 25 leaves each.
Plain and Transferred.

"HANSLICK"
For cleaning Paint, Baths, Sinks, Hands, etc.
Sizes: 1 lb., 5 lb. Tins.

KEROSENE
"Laurel."
Sizes: 4 gall., 1 gall., ½ gall., ¼ gall. Tins.
13 oz., 26 oz. Bottles.

KALSOMINE
* BERGER'S HYGIENIC

5 lb. PACKETS



A HIGH-GRADE KALSOMINE FOR WALLS AND CEILINGS. ATTRACTIVE SHADES.

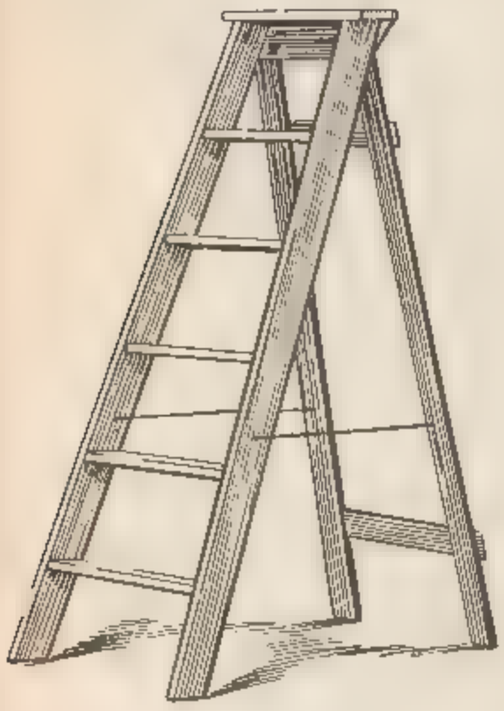
WE RECOMMEND IT.
WRITE FOR TINT CARD.

LACQUER
"Rogers" Brushing.
Full range smart Pastel Shades.
Sizes: ¼ gall., ⅛ gall., 1/16 gall., 1/32 gall., 1/64 gall. Tins.
Write for Tint Card.

LIME
Rock and Garden.

LIMIL
Bags, 50 lb. each.

LINES MARKED THUS * STOCKED BY SYDNEY HOUSE ONLY



PAINTERS' AND BUILDERS' STEPS

(Strongly made for hard usage.)

Each tread is screwed as well as nailed.

Styles: 3¼ in. x 1 in. (Finished size), selected Oregon.

Treads: 4¼ in. x 1 in. (Finished size), selected Pine.

Sizes: 4 feet to 10 feet.

PATENT SAFETY LADDERS

TWO SECTIONS

7 ft.	closed,	extends	to	12 ft.
8 ft.	"	"	"	14 ft.
9 ft.	"	"	"	16 ft.
10 ft.	"	"	"	18 ft.
11 ft.	"	"	"	20 ft.
12 ft.	"	"	"	22 ft.
13 ft.	"	"	"	24 ft.
14 ft.	"	"	"	26 ft.
15 ft.	"	"	"	28 ft.
16 ft.	"	"	"	30 ft.
17 ft.	"	"	"	31 ft.
18 ft.	"	"	"	32 ft.
20 ft.	"	"	"	35 ft.
22 ft.	"	"	"	40 ft.
23 ft.	"	"	"	42 ft.
24 ft.	"	"	"	44 ft.
25 ft.	"	"	"	46 ft.

GUARANTEED TO SUPPORT 30 STONE. LONGER LENGTHS ON APPLICATION.

May be fitted to extension ladder for electrical work.

BUILDERS' AND BRICKLAYERS' RUNG LADDERS

Made from selected Oregon with Spotted Gum Rungs and fitted with Tie Rods, ensuring rigidity.

Ordinary Rung Ladders
Suitable for Builder, Painter or Plumber. 10 in. centres.

Bricklayers' Rung Ladders
8½ in. centres.
Made in Sizes from 8 feet to 50 feet.

* LINO. AND FLOOR LACQUER (CLEAR)

Berger's. For reviving old Linoleums.
Sizes: ¼ galls., ⅛ galls., 1/16 galls., 1/32 galls.

LEAD, WHITE, IN OIL (GENUINE)

Brands: Berger's, Balm, and Champion's.
Sizes: 1 cwt., 56 lbs., 28 lbs., 14 lbs., 7 lbs., 1 lb. Tins.

LEAD, RED

Sizes: 1 cwt., 56 lbs., 28 lbs., 14 lbs., 7 lbs.

* "MURDIRAT"

Rat Poison. 1 oz., 4 oz. Bottles.

METHYLATED SPIRITS

Sizes: 40 gall. Cylinders.
4 gall., 1 gall., ½ gall., ¼ gall. Tins.
13 oz., 26 oz. Bottles.

BERGER'S "WET-EDGE" MATONE

FLAT OIL PAINT

SIZES
1 gall.
½ gall.
¼ gall.
⅛ gall.

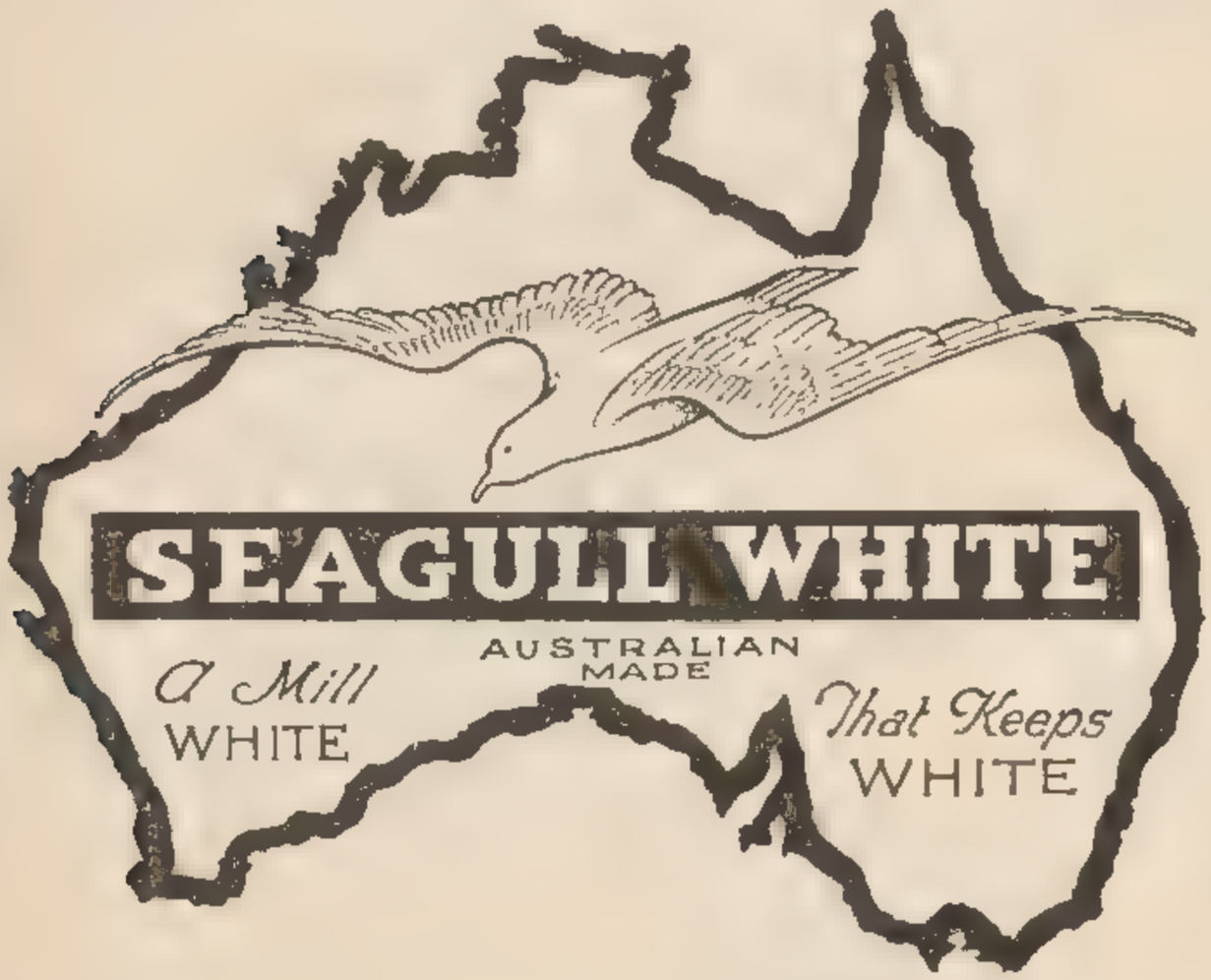
The Perfect Wall Finish.

Made in Lovely Pastel Tints and Warm Neutral Shades.

Does Not Leave Any Brush Marks.

SEND FOR TINT CARD

LINES MARKED THUS * STOCKED BY SYDNEY HOUSE ONLY



Also Made in Various Shades.

Sizes: 56 lb., 28 lb., 14 lb., 7 lb., 4 lb., 2 lb. Tins.

BERGER'S FLAT OIL BOUND

Water Paint.
Suitable for Walls and Ceilings.
Sizes: 56 lb., 28 lb., 14 lb., 7 lb., 4 lb., 2 lb. Tins.

OIL, LINSEED

Raw, Boiled, Pale Boiled.
Brands: B.O.C., Blundel and Spence's, Halmeg, Meggitt's.
Sizes: 40 gall. Cylinders, 5 gall. Drums.
1 gall., ½ gall., ¼ gall. Tins.
13 oz., 26 oz. Bottles.

OIL, HARDWOOD AND WEATHERBOARD (BERGER'S)

A High Gloss, Hard Wearing Oil.
Suitable for Hardwood and Jarrah Surfaces.
Sizes: 5 gall., 1 gall., ½ gall., ¼ gall. Tins.

OIL, GLASSARD

Similar to above.
Sizes: 4 gall., 1 gall., ½ gall., ¼ gall., ⅛ gall. Tins.

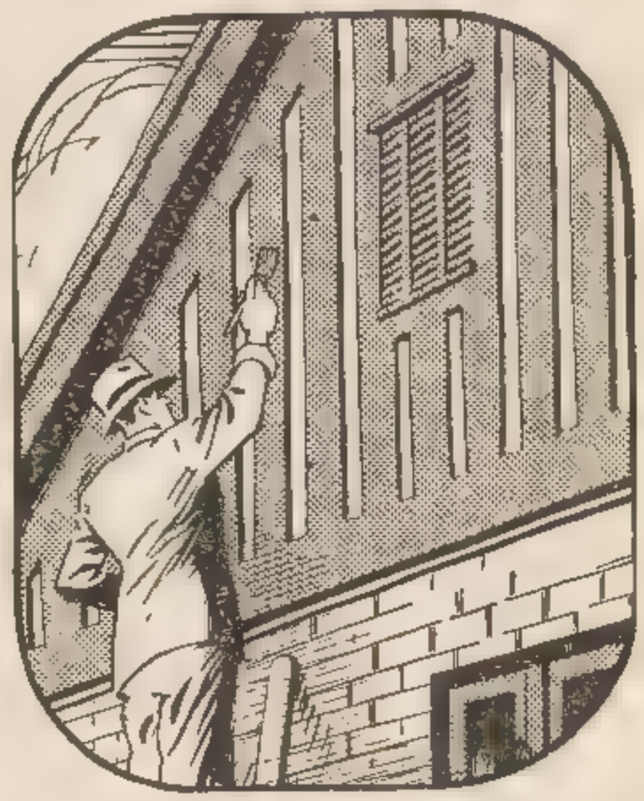
OIL, NEATSFOOT

Sizes: 4 gall., 1 gall., ½ gall., ¼ gall., ⅛ gall. Tins.

OIL, CASTOR

Crude.
Sizes: 4 gall., 1 gall., ¼ gall., ⅛ gall. Tins.

"MERCURY" PAINT



Manufactured by Berger's.
Has Exceptional Obliterating Power and is very Easy to Apply.
A Medium Priced Paint.
Sizes: 1 gall., ½ gall., ¼ gall., ⅛ gall. Tins.
⅜ pint, ¾ pint Tins.

TINT CARD ON PAGE V.
PAINT SECTION.

TYRE PAINT (BERGER'S)

Black and White.
Sizes: ¼ gall., ⅛ gall., 1/16 gall. Tins.

ZONE PAINT (BERGER'S)

White, Yellow, Orange.
Sizes: ¼ gall., ⅛ gall., 1/16 gall. Tins.

SCHOOLBOARD PAINT (BERGER'S)

Black and Dark Green.
Sizes: ⅛ gall., 1/16 gall.

PAINT POTS

PROPERTY PAINT

VALUE FOR MONEY

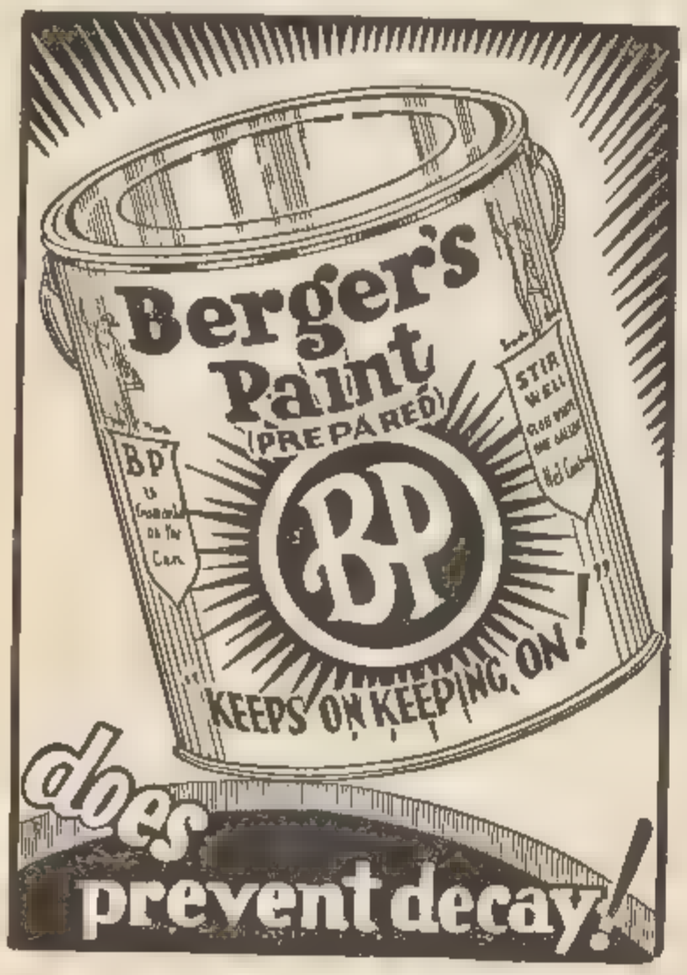
Sizes.
1 gall.
½ gall
¼ gall.
⅛ gall.
1/16 gall.

A Good Cheap Paint.
Covers Well. Ready for Use.

DANKS FOR ALL PAINTING REQUIREMENTS

PAINTS (Continued)

SEE BERGERS TINT CARD



GUARANTEED PURE

PAGE I. IN PAINT SECTION.

CHROMIUM GREEN HOUSE PAINT

Berger's

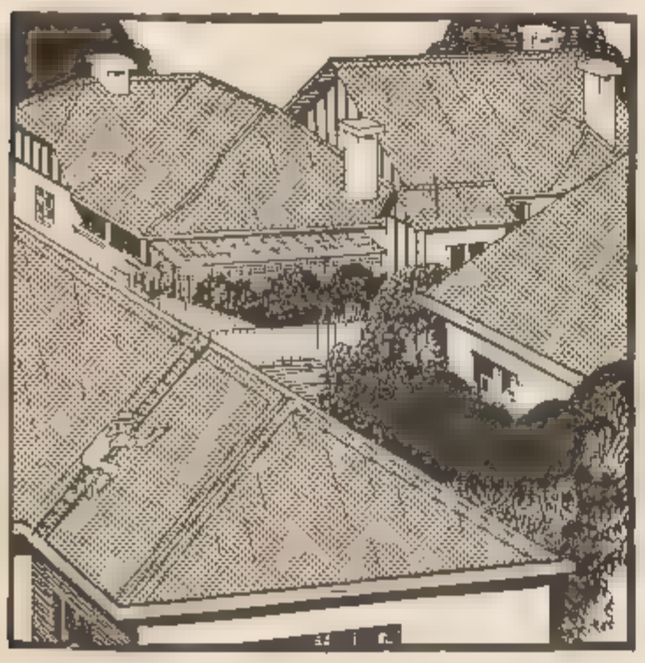
This Green is guaranteed not to Fade or Discolour. The Pigment, Oxide of Chromium, is the most Permanent Green known. Is unaffected by Fumes and Salt Air. Suitable for Roofs. Does not affect Drinking Water.

Sizes: 1 gall, ½ gall., ¼ gall., ⅛ gall., 1/16 gall.

ROOF PAINT

Berger's Structural and Roof Paint

Lt. Slate
Brown
Red
Black
Green



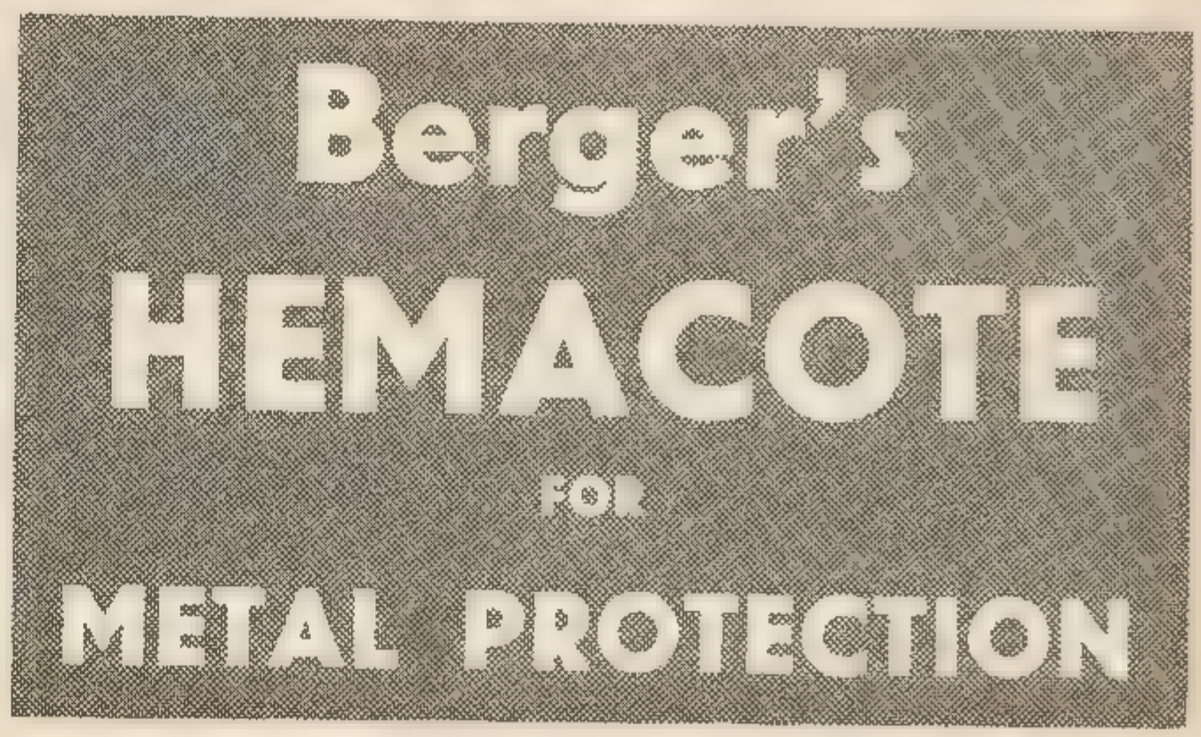
Dk. Slate
White
Dk. Red
Tile Red

A Durable, Full-bodied Metal Protective Paint with Great Covering Capacity.

Sizes: 5 gall. Drums, 1 gall., ½ gall., ¼ gall., ⅛ gall. Tins.

Gives lasting Colour to Cement Paths, Worn Linoleum, Porch Floors, Verandahs and Floors.
All the Latest Shades.

Sizes: 1 gall., ½ gall., ¼ gall., ⅛ gall., 1/16 gall. Tins.



Composed of Non-Poisonous Pigments, and is Anti-corrosive.

If applied according to instructions, will not Powder, Scale nor Fade.

Sizes: 5 gall. Drums, 1 gall., ½ gall., ¼ gall. Tins.

ELASTIC CARBON PAINT

Roylo Brand.

Suitable for Tanks, Sheep and Cattle Troughs.

Sizes: 1 gall., ½ gall., ¼ gall., ⅛ gall. Tins.

PAINT AND VARNISH REMOVER

Berger's, Solvit, Payntoff.

Sizes: 1 gall., ½ gall., ¼ gall., ⅛ gall., 1/10 gall., 1/80 gall

PUMICE

Lump and Powdered.

BERGER'S
HEAVY BODIED MASTER PAINTER'S WHITE

TWO gallons for ONE. Here's the reason why. 1 gallon "M.P.W." = 32 lbs. plus 1 gallon Raw Linseed Oil = 9 lbs. Total weight = 41 lbs. This gives two gallons of the Best Quality Paint for Interior or Exterior use. Weighing 20½ lbs. per gallons. Made in White only, but may be stained to any shade with "Surtint."

Sizes: 4 gall. Drums, 1 gall., ½ gall., ¼ gall. Tins.

CEMENT AND WATERPROOF PAINT
Especially made for Cement and Concrete surfaces, Stucco, Brick and Terra Cotta.
Manufactured by Berger's.
Sizes: 1 gall., ½ gall., ¼ gall., ⅛ gall. Tins.

PLASTERS
Victor, Ordinary, Bags, 1 cwt.
Victor, Hard. Victor, Cement.
Victor, Dental. Victor, Sanded.
Victor, Patching, 1½ lb. Pkts.
Wesco, Patching, 1½ lb. Pkts.

PUTTY
Best Linseed Oil.
Sizes: 1 cwt., 84 lb., 56 lb., 28 lb.
14 lb., 7 lb., 1 lb.

PUTTY WATER
Agnew's C.P. sets like a rock.
Can be Planed and Stained. Sets like Wood.
Sizes: 8 oz., 16 oz. Tins.

PITCH
7 lb., 4 lb., 2 lb., 1 lb. Boxes.

PHENYLE
Sizes: 4 gall., 1 gall., ½ gall. Tins.

PAPER, WET OR DRY GARNET
Grades: 2/0, 3/0, 4/0, 5/0, 6/0, 7/0, 8/0.

PUDLO
For Waterproofing Cement or Concrete.
Quantity, 3 lbs. to 100 lbs. of Mixture.

PLASTIC WOOD
Sizes: Tubes 2 oz., 4 oz., 8 oz., 16 oz. Tins.

RESIN
Any quantity.

* RAWL PLUG
Plastic Wood.
Duroflx.
Liquid Porcelain.

* RESPIRATOR
"Utilite." Adapted specially for Paint Spraying, Harvesting, Fertilizers, Dry Colours, Cement, and other dusty operations.

SHELLAC
Flake, Orange, Button,
Ground White, Lump White.

SULPHUR
Powdered.

LINES MARKED THUS * STOCKED BY SYDNEY HOUSE ONLY

QUICK

DRIES IN FOUR HOURS

VARNISH STAIN AND SILVER

Stains and Varnishes in one operation.
Suitable for Floors and Woodwork.
Also made in Clear.

Sizes: ¼ gall., ⅛ gall., 1/16 gall., 1/32 gall. Tins.

SIZE, WALL

Wesco. See also Glues.

SOFT SOAP

1 lb., 2 lb., 28 lb. Tins.

SPORTS WHITE, "SEAGULL"

Suitable for marking Tennis Courts, Traffic Lines.
Sizes: 4 lb., 2 lb. Tins.

STAINS, CREOSOTE, "ELTREMAC"

Shades: Lt. Brown, Mid. Brown, Dk. Brown.
Lt. Mid. and Dk. Moss Green.
Clear and Crude.
Sizes: 4 gall., 1 gall., ¼ gall., ⅛ gall.

SODA, CAUSTIC

Sizes: 1 cwt., 56 lb., 28 lb., 14 lb., 7 lb., 2 lb., 1 lb., ½ lb. Tins.

SATIN STOVE BLACK (BERGER'S)

For Stoves, Grates, Fenders, etc.
Sizes: pints, ½ pints, ¼ pints.

STAINS, FLAT OIL (BERGER'S)

Gives a perfectly Flat Finish.
Shades: Lt. Oak, Dk. Oak, Mission Walnut, Mahogany, Ebony, Moss Green, Jacobean, Maple, Rosewood.
Sizes: 1 gall., ½ gall., ¼ gall., ⅛ gall., 1/16 gall. Tins.

SPONGES

"Wescopal" Stippling Sponge.
* "Spontex" Viscose Sponge.
Washing Down Sponges.

Makes Old Floors Like New.
Easy to Apply.

SHADES:

Lt. Oak, Dk. Oak, Walnut, Maple, Mahogany, Cedar, Rosewood, Jacobean, Ebony.

Sizes:

1 gall., ½ gall.,
¼ gall., ⅛ gall.,
1/16 gall., 1/32 gall.

GENUINE STAINERS IN OIL

COLOURS:

Reds, Browns, Yellows, Greens, Blues, Blacks.

Sizes:

28 lb Kegs.
14 lb. Tins
7 lb. Tins
2 lb. Tins
1 lb. Tins.
½ lb Tins

LINES MARKED THUS * STOCKED BY SYDNEY HOUSE ONLY

SURTINT

STRONG LIQUID STAINER

Shades: Pale Chrome, Black, Burnt Sienna, Burnt Umber, Ochre, Mid. Green, Deep Chrome, Red Oxide, Prussian Blue, Sunproof Red, Brilliant Blue.

Sizes: 1 gall., ½ gall., ¼ gall., ⅛ gall., 1/16 gall., 1/32 gall.

TURPENTINE

Genuine. Leading Brands.
Sizes: 40 gall. Cylinders.
4 gall., 1 gall., ½ gall., ¼ gall. Tins.
26 oz., 13 oz. Bottles.
"Mineral." (Substitute.)
Sizes: 40 gall. Cylinders.
4 gall. Tins, 1 gall. Tins, ½ gall. Tins, ¼ gall. Tins.
26 oz., 13 oz. Bottles.

TAR, COAL

Sizes: 4 gall., 1 gall., ½ gall., ¼ gall. Tins.

TAR, GENUINE STOCKHOLM

Sizes: 1 gall., Reputed Quarts, Reputed Pints.

TARZAN'S GRIP

For Mending and Fixing Wood, Iron, Marble, Leather, Auto. Parts, Tanks, Furniture, Radiators, Canvas, Fabrics.

TEX (TEXTURE)

"Berger's."
A High-grade Texture.
For converting Old Walls into Modern Ones.

TOXEMENT

For Waterproofing Cement. Per lb.

Berger Varnish

MADE IN AUSTRALIA.

Full Stocks of all Types carried in Stock.
A Varnish for Every Job.
Oaks, Copals, Carriage, Body, Floor, Eggshell, Gloss and Flat, Gold Size, Terebine, Knotting, Black Japan, French Polish, Waggon.

Sizes: 1 gall., ½ gall., ¼ gall., ⅛ gall., 1/16 gall., 1/32 gall

WHITING

Gostling's (English) and Australia.

WOOL, STEEL

Grades: 00, 0, 1, 2, 3. 1 lb. Rolls.

WOOD, PLASTIC

Tubes: ¼ lb., ½ lb., 1 lb.

WAXES

Beeswax, Paraffin.

WAX, POLISHES

Glocoat, Nufloor, Wundawax.
1 gall., 1 lb.
Johnson's.
1 gall., 16 oz., 8 oz., 4 oz. Tins.

WAX, PALAIS

For Dance Floors.
8 oz. Pkts., 16 oz. Pkts.

WEATHERTITE

"Berger's."
For Waterproofing Brick Walls.

* WILL KILL

Ant Destroyer.
1 oz., 2¼ oz.

* WEAVERS, BORER, EXTERMINATOR

Sizes: 1 gall., ½ gall., ¼ gall., pints, ½ pints.

"WYANDOTTE"

For Cleaning Paint Brushes.
For Cleaning All Kinds of Surfaces before Painting.

LINES MARKED THUS * STOCKED BY SYDNEY HOUSE ONLY

ROOFING and FLOOR COVERINGS

Ormonoid Asphalt Roll Roofing

Made from high-grade materials, and very suitable for covering the roofs of Factories, Warehouses, and all types of buildings. Made in One, Two, Three, and Five-Ply, and supplied in rolls 72′ long x 36″ wide, complete with clouts and cement for fixing

Sturdyoid Asphalt Roll Roofing

A very reliable roofing with a smooth grey surface, put up in rolls 72′ long x 36″ wide, sufficient to cover 200 sq. feet, allowing for laps. Supplied in One, Two, and Three-Ply, complete with nails and cement.

Permanoid Special Asphalt Roll Roofing

A very serviceable line for use on Barns, Fowl Houses, Out Buildings, etc., supplied in rolls 72′ and 36′ long x 36″ wide.

Ormonoid 3-Ply Dampcourse

A very reliable Dampcourse, supplied in rolls 72′ long x 4½″, 9″, 13½″, 18″, 22½″, 27″, and 36″ wide

OUR LAYING DEPARTMENT will gladly give competitive quotations for ORMONOID laid complete to any specification to roofs and floors.

Daspyl Lead-Core Dampcourse

A superior Dampcourse mode of pure Bitumen, with a lead centre. It is approved of by all Government Departments. Rolls are in random length, but the prices given are based on rolls 20′ in length. With 1 lb and 2 lbs. lead centre. Widths: 4½″, 9″, 14″, 18″, 22½″, 27″, 31½″, 36″.

Ormonoid Bitumen Paint

For Painting Ormonoid and similar Roofings and Floorings, Steel, Concrete, Bricks, Wood, Galvanised Iron, etc. Does not affect drinking water. Colours: Red and Black.

Asbeskote Paint

A tough elastic paint of asbestos fibres and bitumen, having exceptional weather resisting properties. For protection, repair and preservation of corrugated iron and all types of bitumen roofs. Easily applied with a brush. In tins ready for use. Does not affect drinking water.

Lastoleum Floor Covering

Specially suited for hard wear on wood, concrete, or damp commercial and industrial floors. Splendid for Hotel Bars and around Billiard Tables. Made in 3-ply standard finish; 5-ply Extra Heavy Smooth Surface Mica Finish. Also in Medium and Extra Heavy Red Polishing Surface. Supplied in rolls 72′ long x 36″ wide. Full particulars on application.

Tensite Building Paper

Asphalt-saturated for many uses where tough lightweight insulating or linings are required. Specially suited for lining fruit drying trays. Best quality, No. 7, 3′ x 333′ 4″; contains 1,000 sq. feet.

Oral Asphalt Saturated Felt

Made from selected high-grade rag felts and best quality refined asphalts. Specially recommended for underlayers to roofings, refrigeration and other insulating, and linings of walls, ceilings, floors, etc. Suitable for mulching tobacco and other plants. No. 12, Medium, 3′ x 166′ 8″; contains 500 sq. feet. No. 15, Heavy, 3′ x 108′; contains 324 sq. feet.

"Duraseal" Plastic

Colours Red and Black. Bitumen Asbestos Compound for stopping leaks, plugging cracks and holes and waterproofing lead flashings. For caulking boats, troughs, etc. Stops leaks everywhere. In tins ready for use.

Quotes Gladly Given for Roofing, etc., Laid complete to any Specifications. JUST ASK US!

"ORMONOID" ROOFING

Made from the highest grade rag felts and specially refined asphalts. Recommended for roofing, lining and insulating factory and all types of buildings. Being fume, acid and chemical proof, and impervious to salt air, makes cool, silent and rustless roofs. Does not affect drinking water. Best quality. Grey surface, in rolls 36″ x 72′; 216 sq. ft. (covers 200 sq. ft., allowing for 2″ laps). Complete with Clouts and Cement for fixing.

1 Ply, Light, for temporary work, with fixings.
2 Ply, Med., for ordinary conditions, with fixings.
3 Ply, Heavy, for permanent service, with fixings.
5 Ply, Extra Heavy, mica finish, with fixings.
or without Fixings.

Less 2/- per roll without fixings.

"ORMONOID" RED BITUMEN PAINT

1 pint, 1 quart, ½ gall., 1 gall., 4 galls.

"ORMONOID" SHINGLES.

Made from Medium and Extra Heavy roofing. For waterproofing and decorative effect on window bays, balconies and door and window overhangs.

Size, 12″ x 9″.
RED, Medium and Extra Heavy.
GREEN, Medium and Extra Heavy.
Size, 12″ x 9″. Per bundle of 50.

DANKS' BITUMINOUS ROOFING PAINT CEMENT AND ROOF DRESSING (Black)

This material is excellent for prolonging the life of bituminous and iron roofs, guttering, etc. Can also be used for sticking down bituminous roofing material and flooring. A very effective Dampproof coating for concrete, iron, wood, etc. 1 pint, 1 quart, ½ gall., 1 gall., 4 galls.

"ORAL" SARKING FELT

Extra heavy, asphalt saturated Felt for insulating and sound-proofing. Anti-squeak and packing for bridges, wharves and other steel and timber constructions.

No. 37, Extra Heavy, 3′ x 66′ 8″; 200 sq. ft.
No. 27, Heavy Weight, 3′ x 66′ 8″; 200 sq. ft.
No. 17, Medium Weight, 3′ x 66′ 8″; 200 sq. ft.

FOR HIGHEST QUALITY INSIST ON "ORMONOID" ROOFING

Roofing and Flooring *(continued)*

"STURDYOID" ROOFING

1 Ply, 2 Ply, and 3 Ply.
Rolls, 72′ x 3′, with Fixings.
Less 2/- per roll if without fixings.

DANKS' PLASTIC CEMENT (Black)

Bitumen Asbestos Compound, for stopping leaks, plugging cracks and holes and waterproofing lead flashings, chimneys, parapet walls, concrete paths, tiles and galvanised iron roofs and brickwork. For caulking boats, troughs, etc. Stops leaks everywhere. In Tins, ready for use:
1 lb., 5 lb., 10 lb.

"ORMONOID" RED PLASTIC CEMENT

1 pint, 1 quart, ½ gall., 1 gall., 4 galls.

"GIVANTAKE" ASPHALT EXPANSION JOINTING

For concrete roads. Manufactured from best materials, having cork filler and saturated felt on both sides. Supplied to, and in conformity with, the specification of the Main Roads Board. Made to any size and specification.
⅜″, ½″, ¾″, 1″, 1½″ thick—Prices on application.

"ORMONOID" PLY DAMPCOURSE

Thoroughly reliable dampcourse, made from heavy ply. In rolls 72′ long:
3 PLY—4½″, 9″, 13½″, 18″, 22½″, 27″, 36″ wide.
2 PLY—4½″, 9″.
5 PLY—18″.

LEDCORE DAMPCOURSE

Special high grade and permanently waterproof. Unaffected by mortar acids, and will not corrode or squeeze. Lead centre, best quality ashphalt mastic on both sides. Approved by Department of Public Health. In rolls 20′ long.
4½″, 9″, 13½″, 18″, 22½″, 27″, 31½″ wide.
1 lb. lead centre, 2 lb. lead centre, 3 lb. lead centre.
Prices on application, owing to fluctuating Lead Price.

"DASPYL" LEAD DAMPCOURSE

4½″, 9″, 14″, 18″ wide.
In 2 lb., 3 lb. and 4 lb. lead; 20′ and 30′ rolls.
Prices on application, owing to fluctuations in lead prices.

"ORAL" ASPHALT SATURATED FELT

Made from selected high-grade rag felts and best quality refined asphalts. Specially recommended for underlays to roofings, refrigeration and other insulating and linings of walls, ceilings, floors, etc. Suitable for mulching pineapple, tobacco and other plants. Best quality.
No. 12, Medium, 3′ x 166′ 8″; contains 500 sq. ft.
No. 15, Heavy, 3′ x 108′; contains 324 sq. ft.

"LASTOLEUM" FLOORING AND ROOFING

Specially suited for hard wear on wood, concrete or damp commercial and industrial floors. Best quality and waterproof. Rolls 36″ x 72′; covers 24 sq. yds. Without fixings.
3 Ply, Heavy, standard finish.
5 Ply, Extra Heavy, mica finish, smooth surface.
RED, Extra Heavy, rich red polishing surface.
RED, Medium, rich red polishing surface.
GREEN, Extra Heavy and Medium.
The wearing surface on "LASTOLEUM" is an integral part, being a thick deposit applied during manufacture, which, unlike painted surfaces, will not crack or peel off.

"ORAL" NATURAL ASPHALT DAMPCOURSE

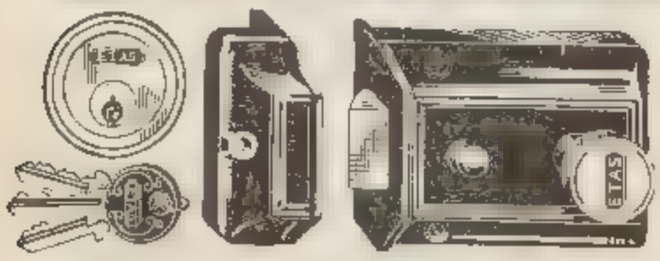
Made from asphalts specially selected for waterproofing properties, and will not squeeze. Approved by Department of Public Health in accordance with Local Government Ordinances. Excellent value. Rolls 30′ long.
4½″, 9″, 13½″, 18″, 22″, 26½″, 35¼″ wide.
30′ rolls.

"DAMPAX" No. 90 HESSIAN CENTRE DAMPCOURSE AND WATERPROOF SHEETING

Specially made to conform to Main Roads Board specification No. 164. Recommended for vertical and horizontal permanent waterproofing in Bridges, Viaducts and Basements. Rolls 24′ long.
4½″, 9″, 13½″, 18″, 36″ wide.
24′ rolls.

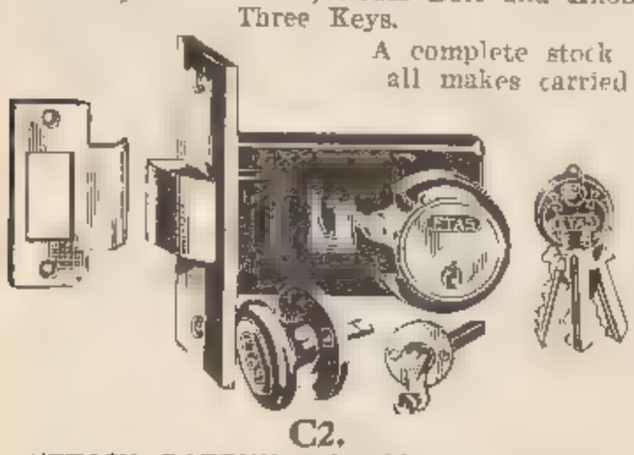
LET US QUOTE YOU FOR PAINTING YOUR "ORMONOID" FLAT ROOFING

DOOR LATCHES & LOCKS

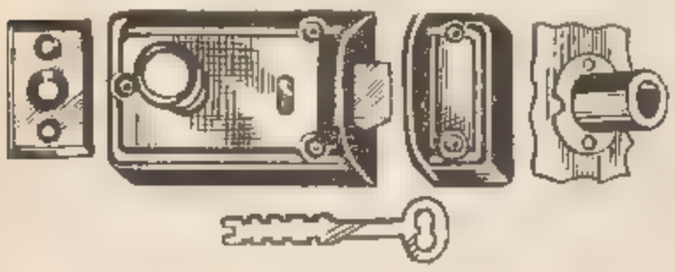


C1.
"ETAS" RIM NIGHT LATCH
Black Japanned Finish, Brass Bolt and Knob. Three Keys.

A complete stock of all makes carried

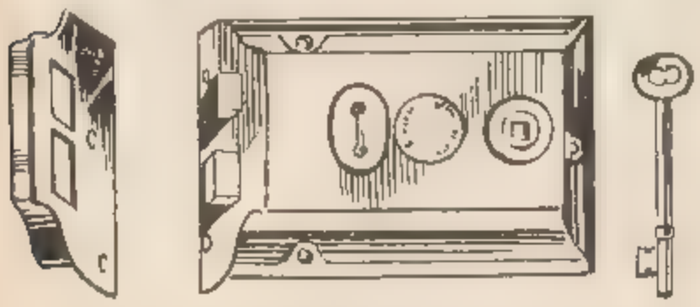


C2.
"ETAS" PATENT MORTICE CYLINDER NIGHT LATCH
Three Keys. To work outside with Key and from inside with Knob. Size: 3⅜" x 2⅛" x ⅜".

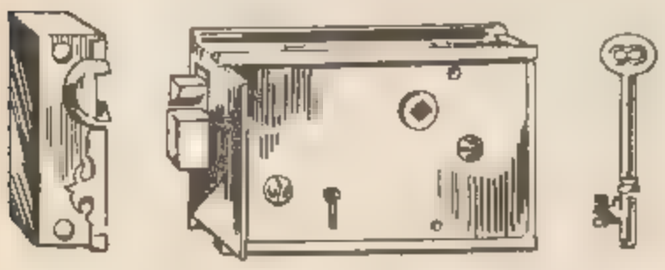


C3.
NIGHT LATCH
Strong, serviceable Latch with two Flat Keys.

C4. CYLINDER NIGHT LATCH
(Pressed Steel Case.) Bronze Finish with Walnut Bakelite Knob. Brass Rose and Three Keys.
Size: 3½" x 2¾" x 9/16". Also Chromium Finish W/Black Knob.



C5.
DOUBLE HANDED RIM LOCKS
Brass Bolts, 6" Steel Case
Complete with Milled Edge Brass Knobs.



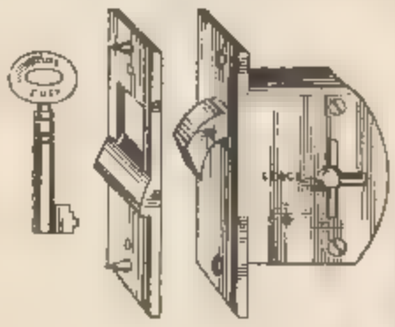
C6.
RIM LOCKS
Vaughan's 6" Rim Locks. Complete with Milled Edge Furniture, either right or left hand.

C7.
FRONT DOOR CYLINDER LATCH SETS
Complete with Florentine on Brass Front Plate, Door Handle and Knocker combined. May also be had in Deadlocking

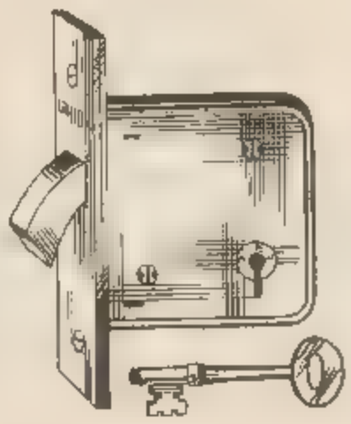
C8.
UPRIGHT 4" RIM LOCK
With Snib. Complete. With Oxidized or Bakelite Handles.

KEY CUTTING

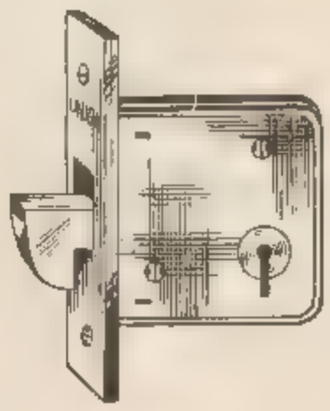
We have a Quick Service for Cutting Keys. If the original Key is received by the morning mail, new Keys will be despatched the same day.



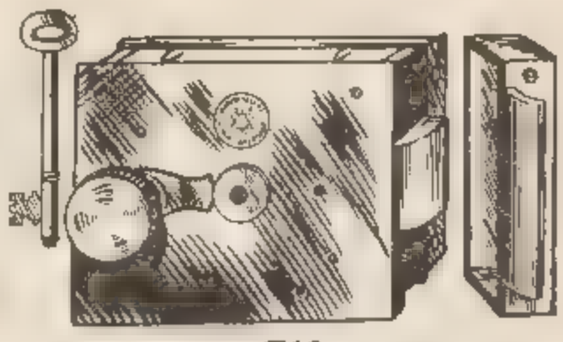
C9.
BRASS HOOK BOLT MORTICE LOCK
For Cupboard Doors 1 and 2 Lever.
Sizes: 2½", 3".
Faceplate.



C10.
MORTICE SLIDING DOOR LOCKS
For Full Size Doors.



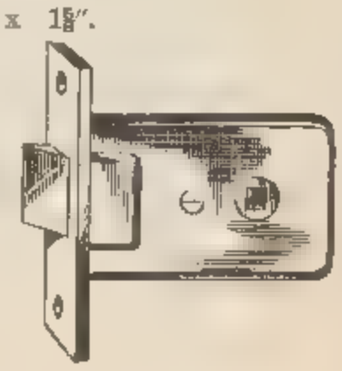
C11.
MORTICE SLIDING DOOR LOCKS



C12.
PANIC LOCKS
As approved by Board of Health for Public Halls, Picture Theatre Doors opening out. Steel Case. Size: 6".

C13.
INDICATING BOLT
Bolt Case: 2½" x 1½"
Indicator Case: 2-13/32" x 1⅝".

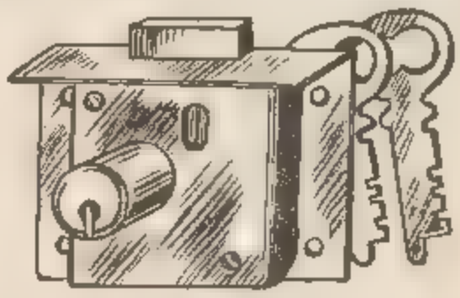
C14.
MORTICE LATCH
Brass Bolt, Face Plate and Striking Plate.
Size: 3⅜" x 2⅛" x ½".



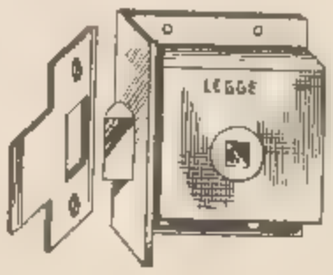
C15.
RIM LOCK STAPLES
For 6" Rim Lock.
When ordering, state hand required.
Illustration right hand.

C16.
RIM LOCK FURNITURE
Brass Knobs, Milled Edge
Also Antique Finish on Steel Knobs.

DRAWER AND CUPBOARD LOCKS

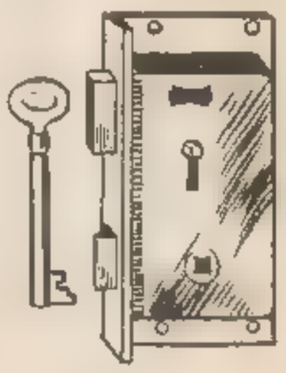


C17.
DRAWER OR CUPBOARD LOCK
With Cylinder. Is locked by simply pressing on front rim of cylinder. Solid Brass. Two Keys.



C18.
STRONG BRASS DRAWER OR CUPBOARD LATCH
Steel Cap.
Size: 2" x 1¾".

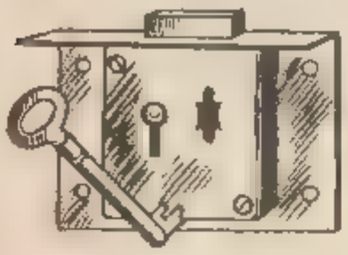
C19.
BRASS WARDROBE LOCKS
Complete with Striking Plate and One Key.
Right or left hand.
Left hand illustrated.
State which hand when ordering.



JOHN DANKS & SON PTY. LTD.

MELBOURNE AND SYDNEY

DRAWER AND CUPBOARD LOCKS



C20.

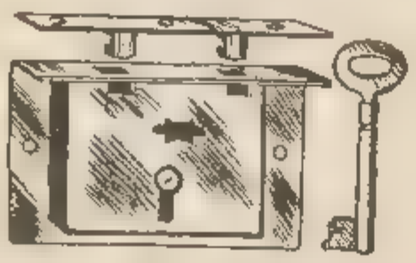
DRAWER LOCKS

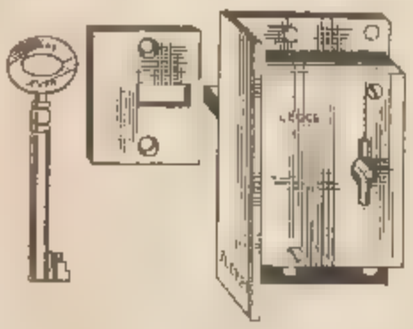
Brass: 1½", 2", 2½", 3".
Best English 2 Lever
2", 2½", 3".

C21.

BOX OR CHEST LOCKS

Iron: 3", 4".
Brass: 1½", 2", 2½", 3".
Brass with Best
English 2 Lever
Sizes: 1½", 2", 2½"

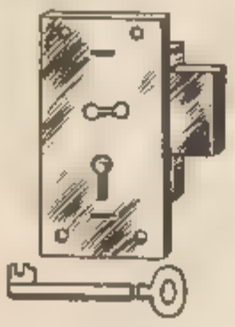




C22.

BRASS SHOW CASE LOCK

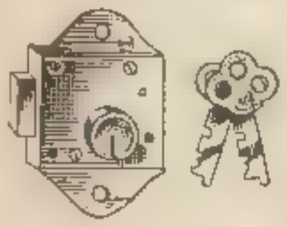
With strong Bolt to shoot out at back of Lock. 2 Lever
Sizes 2½", 3"



C23.

CUPBOARD LOCKS

Double Handed.
Iron. 2½".
Brassed: 2", 2½", 3"
Brass 1½", 2", 2½", 3"
Brass, Best English Lever
1½", 2", 2½", 3"



C24.

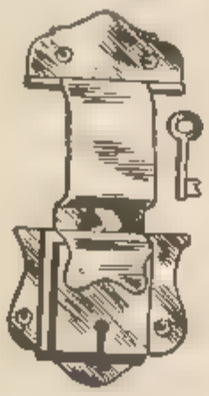
LOCKER LOCKS

Size of Case overall:
1⅝" x 2¾" x 9/16".
6 Lever.

C25.

STEEL CUPBOARD CATCHES

Finished in Antique Copper or Nickel.
Sizes: 2" x 1¼", 2¾" x 1-7/16".



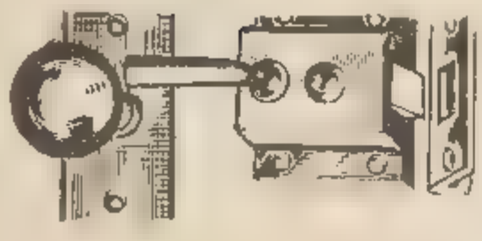
C26.

SCARBOROUGH TRUNK LOCKS

C27.

WIRE DOOR LATCHES

Bronze Finish.
For Doors opening In or Out.
State which you require.

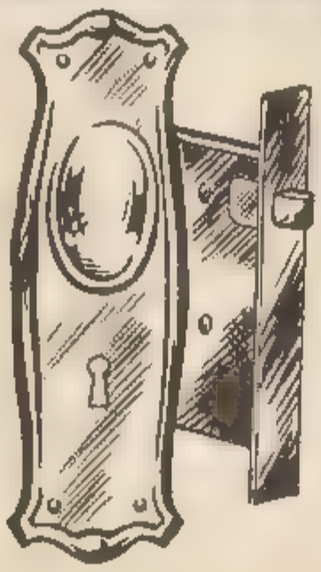


C28.

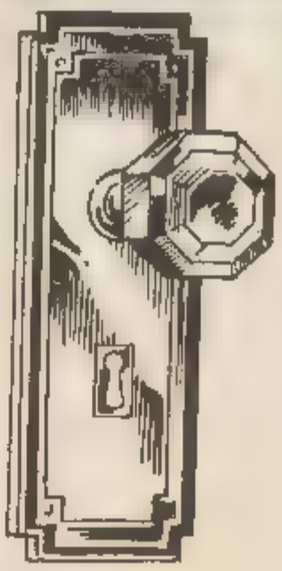
WIRE DOOR LATCHES

Bronze Finish
For Doors opening In or Out.
State which you require.

Mortice Lock Sets



C29.



C30.

C31.

C32.

MORTICE LOCK SETS. Complete with 2 Lever Lock.
Finish, Florentine Bronze.

C29. Plate: 7½" x 2½". Knob: 2¾" x 1⅝".
C30. Plate: 7½" x 2⅝". Knob: 2⅛" across Flats.
C31. Plate: 7" x 2⅛". Knob: 2⅜" x 1½".
C32. Plate: 7" x 2¼". Knob. 2" dia

LOCK SETS MAY BE HAD IN ANY FINISH AT SLIGHT EXTRA COST

C33.
Plate: 6½" x 1⅝".
Knob: 2⅜" x 1½".

C34.
Plate: 5½" x 1½".
Knob: 2⅜" x 1½".

C35.
Plate: 8" x 2½".
Knob: 2⅛" across Flats.

C36.
Plate: 6" x 1⅝"
Lever: 3¾" long

C37.
Finish, Bakelite, Walnut or Ivory
Plate: 7" x 2¼"
Knob: 2⅛" dia.

C38.

BALL LATCHES

Stamped Brass with Steel Ball, ⅜".

Heavier Type with Cast Brass Cases
Sizes with Plate:
⅝" x 1⅛" and ¾" x 2".

C39.
Finish. Black Bakelite and Chromium

C41.

REVERSIBLE REBATED LOCK

These Locks can be fitted in place of ordinary Locks to sets shown on this page.

C42.
Finish, Florentine Bronze.
Rose: 2½" x 2⅛".
Lever: 3¾" long.
Escutcheon: 1-11/16" x 1".

C40.

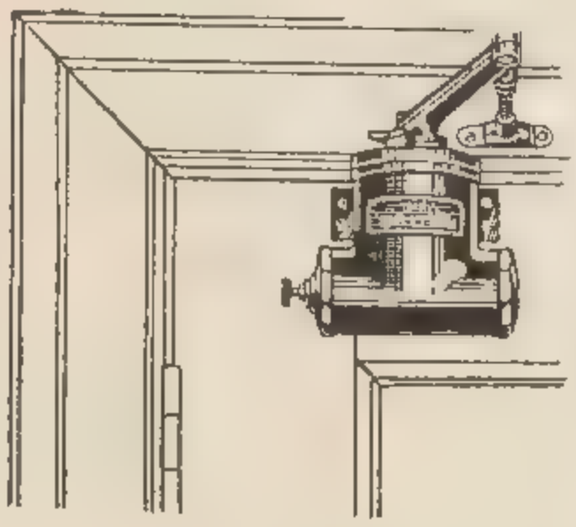
DOUBLE BALL CUPBOARD CATCH

Brass with Steel Balls, adjustable tension.
Sizes: 1-11/16", 1 15/16", 2⅜".

WE SPECIALIZE IN ALL HOME REQUIREMENTS

C47.
LATCH KNOCKER PLATE
Florentine Bronze Finish on Brass. To take Yale Latch Cylinder. Size: ⅝" x 2½".

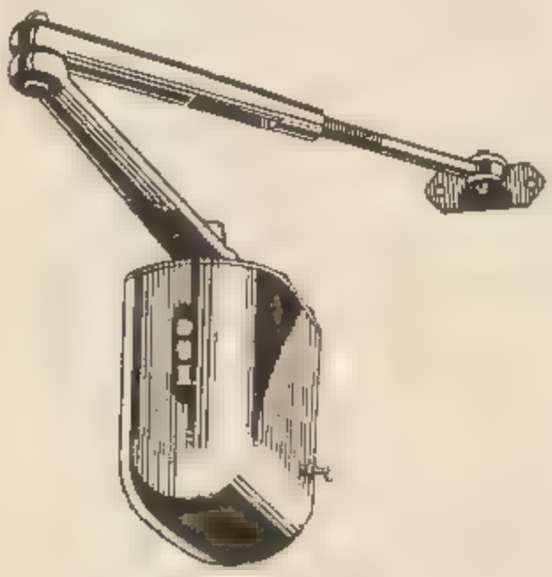
C48.
DOOR GRIP
Finish, Antique Copper on Steel. 5" overall



C49.
"BRITON" HYDRAULIC DOOR CLOSER AND CHECK
Strongly built and gives positive control all the way. A—for Light Doors. B—for Medium Doors. C—for Heavy Doors.

C50.
CYLINDER LATCH HANDLE
8" overall. Finished in Florentine Bronze.

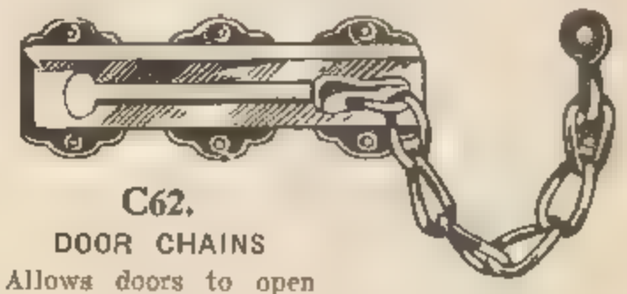
C51.
DOOR HANDLE
6¾" overall. Finish, Florentine Bronze or Chromium Plate.



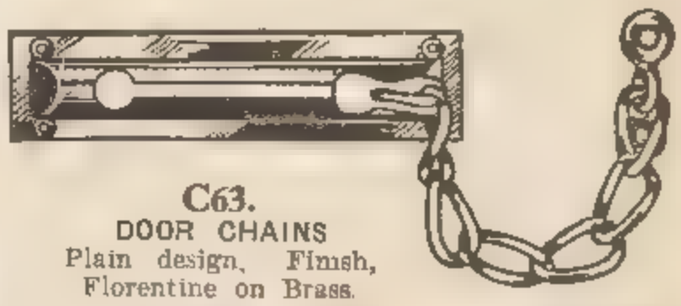
C52.
"DUX" HYDRAULIC DOOR CLOSER AND CHECK
Closes the door quietly and firmly. Can be had for doors opening out. Also with device for holding door open at 30° and 90°. A—for Light Doors. B—for Medium Doors. C—for Heavy Doors.

C60.
LETTER PLATE
Horizontal or Vertical, Plain or Lettered as illustrated.
Finish, Florentine Bronze, Chrome Plated.

C61.
DOUBLE ACTING SURFACE FLOOR HINGES
Have positive, smooth compression spring action. Tension easily adjusted and simple to fit as setting square plate into floor and sawing out rectangular piece at bottom corner of door.
To suit 1⅛" to 1¾" Doors with Antique Finish Side Plates.



C62.
DOOR CHAINS
Allows doors to open few inches only. Black Japanned and Antique Finish



C63.
DOOR CHAINS
Plain design. Finish, Florentine on Brass.

C64.
DOOR STOPS
To hold doors open; simply kick with the foot to release.

C65.
DOOR BELL
To turn; may also be had to push.

C53.
SPIRAL DOOR SPRINGS
Japanned: 8", 9", 10", 11", 12".
Nickel Plated: 9", 10".

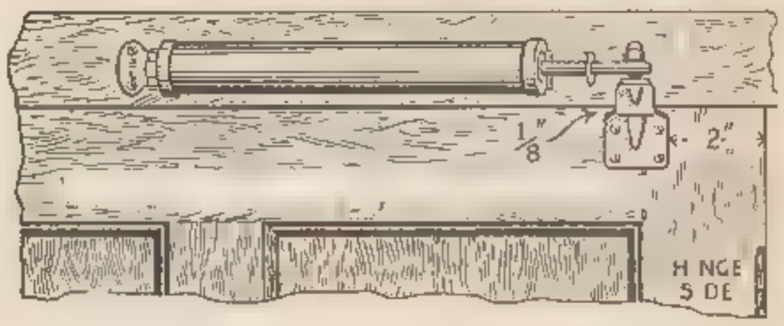
C54.
PRESSED STEEL PULL HANDLE
Finish, Japanned, Florentine Nickel Plated
Size: 4".

C55.
PRESSED OR CAST STEEL HANDLE
Finish, Florentine.
Sizes: 4½", 6".

C58.
DOOR SILENCERS
For slamming doors.

C57.
AUTOMATIC DOOR HOLDER
Plunger Type, with Rubber Buffer on Base. Press plunger down, will hold door in any position. To release immediately just touch with foot. Finish, Florentine Bronze.

C59.
RUBBER DOOR STOPS
1½" diam.
Screw to floor
Colours: Red, Black, Blue, Green, Brown.



C66.
SCREEN DOOR CLOSER
A splendid device for automatically closing and preventing Screen Doors from banging.
Finished in Bronze or Colours.

C56. SCREEN DOOR SPRINGS
Japanned: 16" long.

JOHN DANKS & SON PTY. LTD.

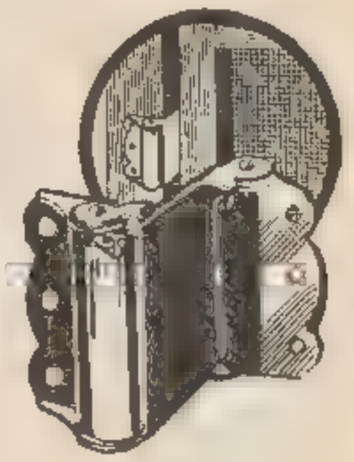
MELBOURNE AND SYDNEY

HINGES

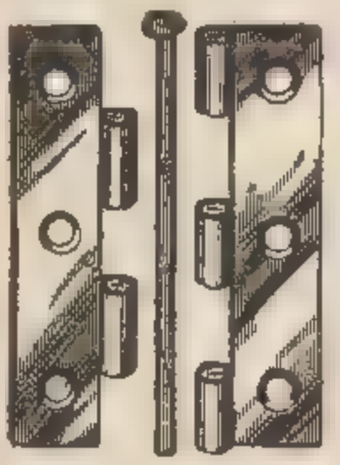
C67.
STEEL BACK FLAPS
Sizes: 1", 1¼", 1½", 1¾", 2", 2½", 3".

C68.
DOUBLE STRAP HINGES
Sizes: 3", 4", 6", 8", 10", 12".

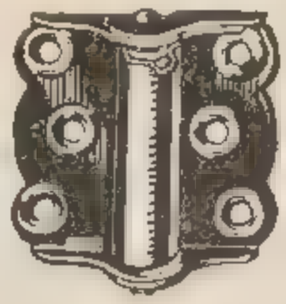
C69.
BRASS COUNTER HINGES
Sizes: 4" x 1¾", 4½" x 2".



C70.
DOUBLE ACTING SPRING HINGES
For Doors to Swing Both Ways.
Japanned Finish

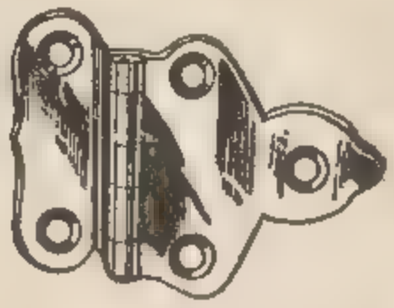


C71.
LOOSE PIN BUTT HINGES
Very useful on Wire Doors.
Sizes: 2", 2½", 3", 3½", 4".

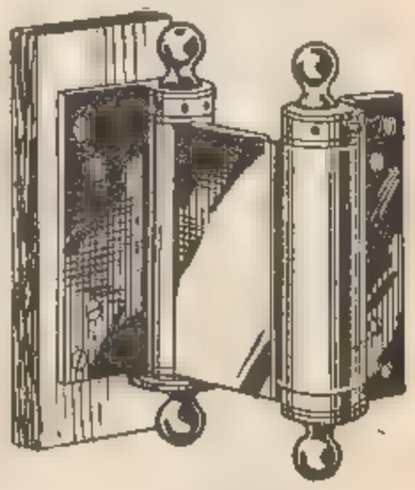


C72.
SURFACE SPRING HINGES
For Wire Doors.
Pressed Steel.
Finish, Japanned.
Antique Coppered.

C73.
ICE CHEST HINGES
Finish, Nickel Plated.



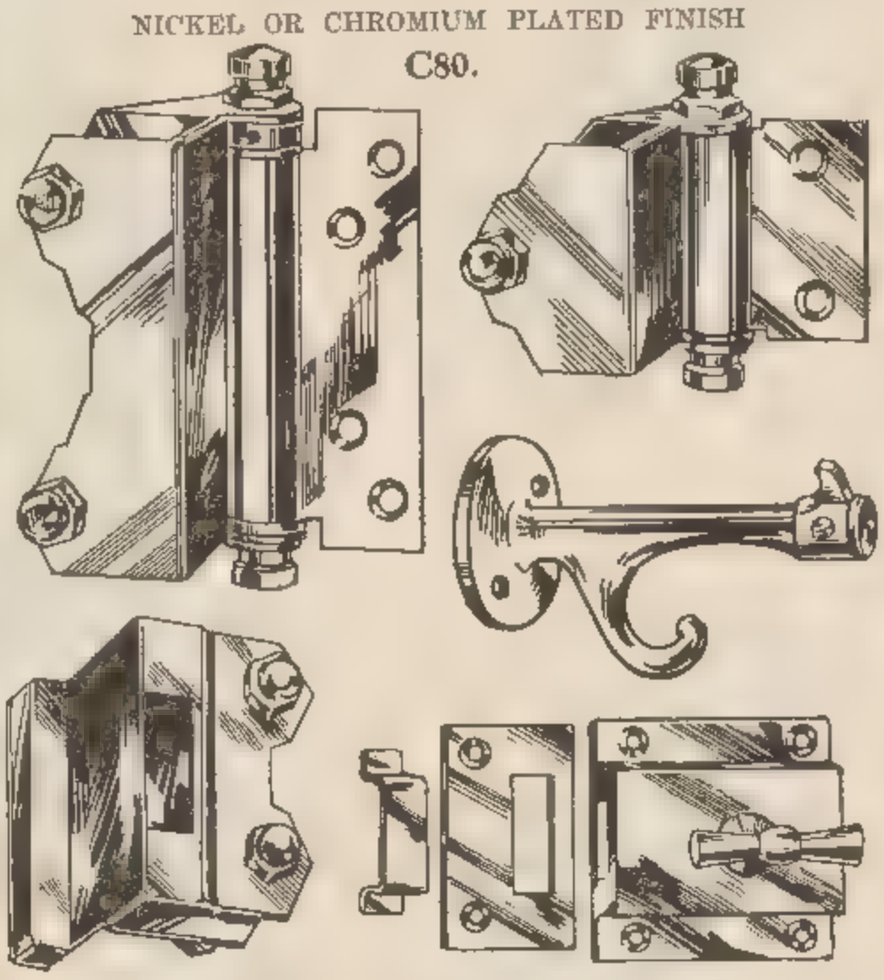
C74.
KITCHEN CABINET HINGE
Nickel Plated.



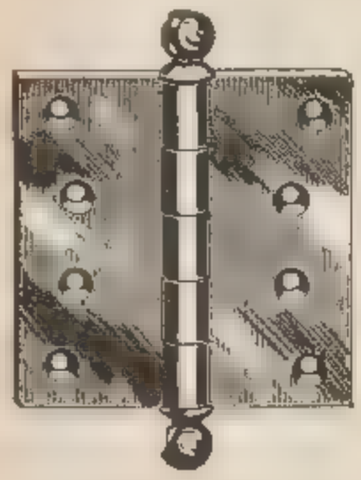
C81.
DOUBLE ACTION SPRING HINGES
For Doors to Swing Both Ways.
Finish, Florentine Bronze and Black Japanned.
Sizes: 3", 4", 5", 6", 7".

MARBLE AND TERAZZO
LAVATORY DOOR FITTINGS
NICKEL OR CHROMIUM PLATED FINISH

C80.

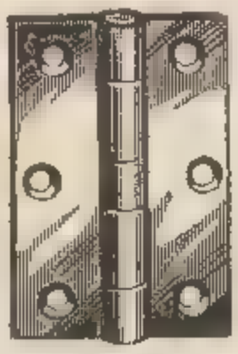


This Set supplied complete with Fixing Bolts.
When ordering, specify whether to hold open or to close.



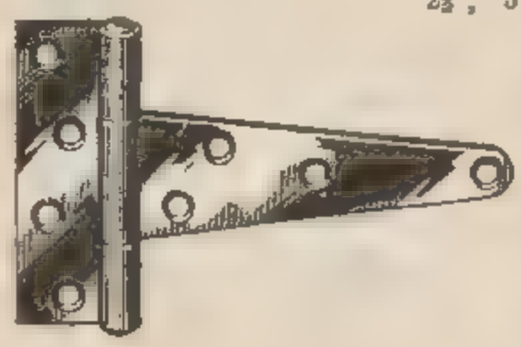
C76.
BALL KNOB BUTT HINGES
Florentine on Steel Loose Pins, Plain and Ball Bearings. 3" x 3", 3½" x 3½", 4" x 4".
Also **Broad Butts.** Bright Steel Fixed Pins: 3" x 3", 3½" x 3½", 4" x 4". Bright Steel Loose Pins, 3" x 3", 3½" x 3½", 4" x 4".
The above can be finished Florentine Bronze.

C75.
BRASS BUTT HINGES
Sizes: 1", 1¼", 1½", 2", 2½", 3", 3½", 4".
Antique Butt Hinges (On Steel.)
Sizes: 1", 1½", 2", 2½", 3", 3½", 4".



C77.
STEEL BUTT HINGES
Sizes: 1", 1¼", 1½", 2", 2½", 3", 3½", 4", 5".

C82.
HALF SURFACE SPRING HINGES
Fits face of door and inside of frames where ordinary hinge will not suit.
Japanned Finish.

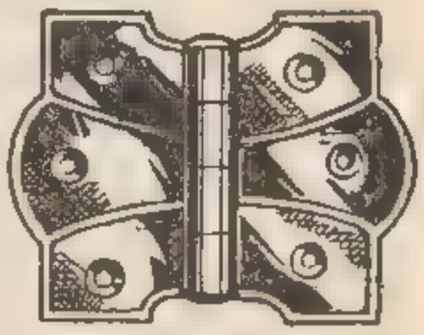


C78.
HEAVY SCOTCH TEE HINGES
Sizes: 8", 10", 12", 14", 16", 18", 20", 22", 24".

C85.
AMERICAN GATE HINGES
Self Closing.

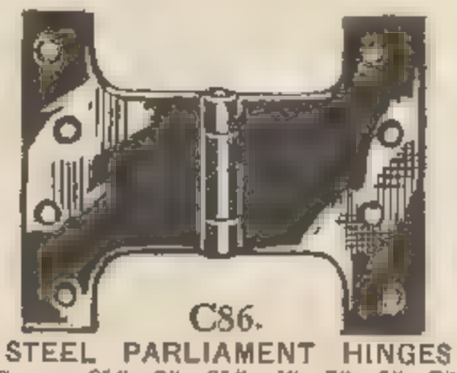
C84.
FANCY BACK FLAP HINGES
Antique Copper or Nickel Plated.
Width overall: 1⅞".

C87.
BUTTERFLY HINGES
Antique or Nickel Plated Finish.



C83.
FANCY BACK FLAP HINGES
Finish, Antique Copper or Nickel Plated. Width overall, 2⅜" flush, and with ⅜" offset.

C79.
STEEL TEE HINGES
Sizes 3", 4", 6", 8", 10", 12", 14", 16", 18".



C86.
STEEL PARLIAMENT HINGES
Sizes: 2½", 3", 3½", 4", 5", 6", 7".

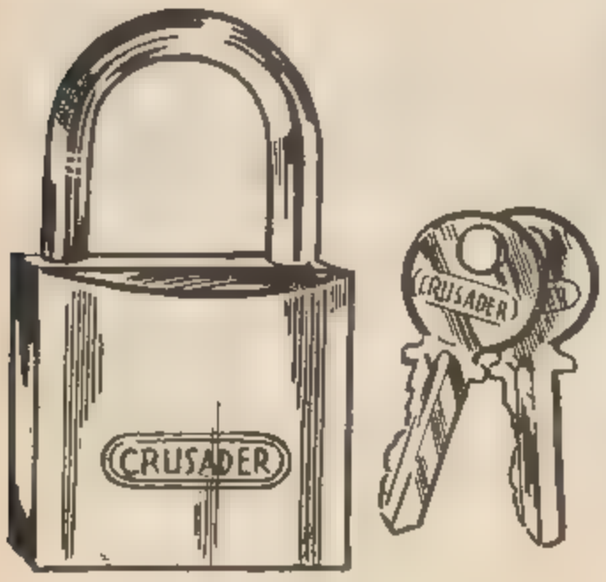
C88.
HOOK AND EYE HINGES
Welded Eye Drive, Bolt or Screw.
Sizes: 12", 14", 16", 18", 20".

C89. TRESTLE HINGES
Finish, Dull Black. Sizes: 8", 10", 12".

If the articles you require are not illustrated on these pages, please write to us stating your needs.

A LARGE ASSORTMENT OF THE LATEST FITTINGS CAN BE SEEN IN OUR SHOWROOM

PADLOCKS



C95.
"CRUSADER" PADLOCKS
Solid Brass Automatic Cylinder Lock with Nickel plated Steel Shackle. 2 Paracentric Keys.
Sizes: 1⅝", 1¾", 2", 2½".

C96.
GENUINE YALE PADLOCK
Solid Bronze. 2 Keys.
Sizes: 1", 1¼", 1½", 1¾", 2", 2½", 3".

C97.
CADMIUM PLATED 2 LEVER PADLOCKS
2 Keys. Sizes: 2", 2¼", 2½".

C98.
RUSTLESS PADLOCKS
All working parts are rustless and specially suited to withstand sea air. 6 Levers and 2 specially hardened Keys.

C99.
"GREYHOUND" PADLOCKS
Sizes: 1¼", 1½", 1¾".

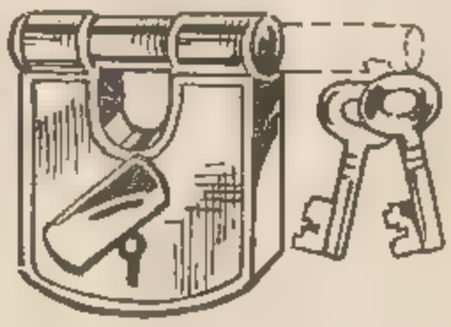
C100. "TIRELOCK" PADLOCKS
Laminated Steel Case. 3" High Carbon Steel Shackle. 2 Levers.
Size: 1¾".
Also "Bicycle Lock," with 7" Shackle.

A FULL RANGE OF PADLOCKS AT ALL PRICES CARRIED IN STOCK.

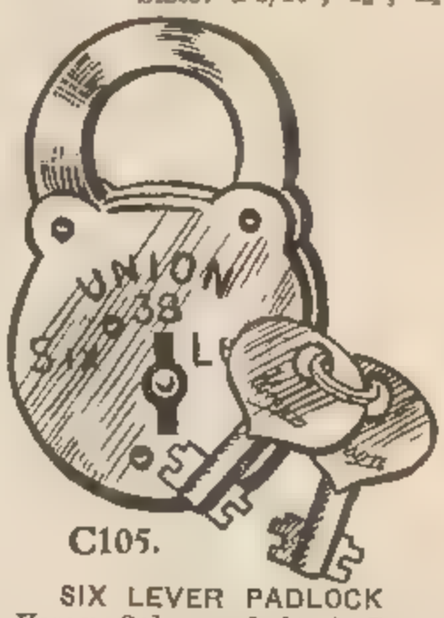
C101.
LAMINATED STEEL PADLOCK
Sizes: 1-3/16", 1½", 1¾".

C102.
LAMINATED STEEL PADLOCK
2 Keys. Size: 1-3/16".

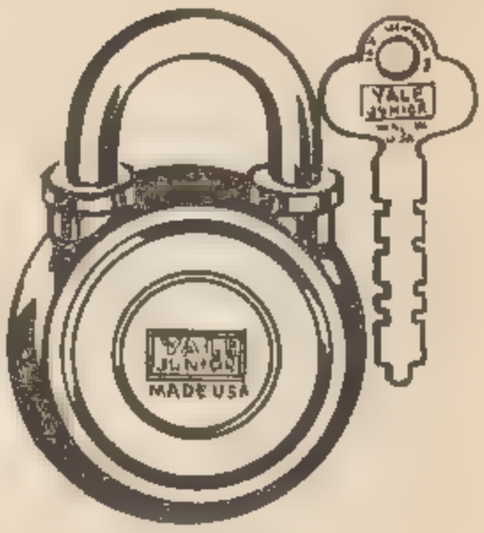
C103.
YALE JUNIOR PADLOCK
One Piece Hammered Forged Steel Case. Cadmium plated Case. Hardened Shackle. 2 Keys. 1½", 1¾" wide.



C104.
SLIDING SHACKLE PADLOCK
Galvanized Padlock, fitted with Hardened Steel Self closing Shackle. 2 Lever Keys. Sizes: 2", 2½", 3".

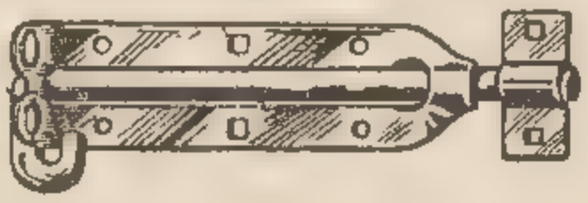


C105.
SIX LEVER PADLOCK
Heavy Galvanized Steel Case. 2". 2 Keys.



C106.
YALE SEAMLESS AND RIVETLESS STEEL PADLOCKS
Sizes: 1¾", 2¼".

C107.
GATE CHAINS
Galvanised. 24", 30" long.

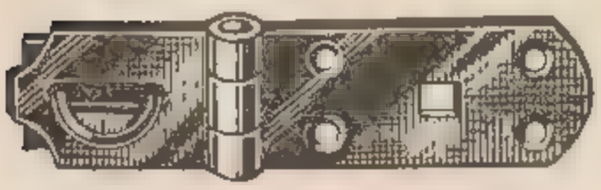


C108.
GALVANIZED PAD BOLTS
To take Padlocks with Bolts.
⅜" x 4", 6", ½" x 6", 8", 10", 12", ⅝" x 8", 10", 12".

HASPS AND STAPLES — PAD. BOLTS ETC.

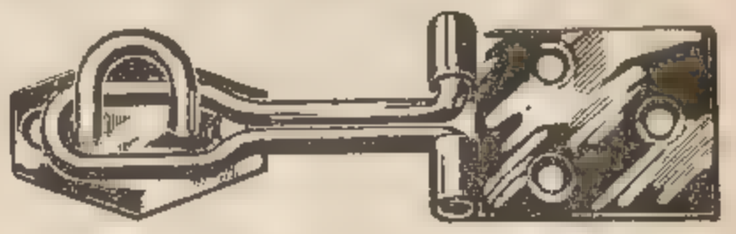
C109.
OVAL PLATE PAD BOLTS
Galvanized with 4" Bolt.

C110.
BRASS HASP AND STAPLE
Sizes: 5" x 2".



C111.
STEEL HASPS AND STAPLES
Galvanized and Black Japanned. Sizes: 8", 9".

C112.
STEEL SAFETY HASPS
Wrought Straps, Screws or Bolts.
Cannot be drawn out or cut when locked.
Measurement of flaps: 3½", 4½", 6".



C113. HASPS AND STAPLES
Japanned: 2½", 3½", 4", 5", 6".
Galvanized: 5", 6", 7".
Brass Hasps and Staples: 1½", 2", 2½".

ASK FOR ANY LINES NOT ILLUSTRATED

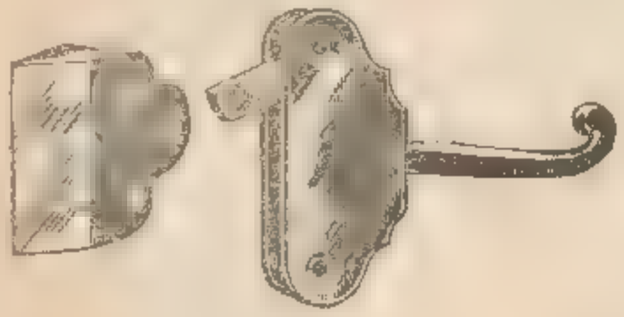
GATE FASTENERS, BOLTS, ETC.

C118.
GOTHIC GATE LATCH
Dull Black Finish with Square Spindle to go through Gate. Size: 8".

C119.
SOLID BRONZE BOLTS
Finish, Flor. Bronze, Chromium Plated, and Satin Nickel
3", 4", 6", 8", 10" long.

C120.
TOWER BOLTS
Black, Bright Bolts: 3", 4", 6", 8", 10", 12".
Galvanised: 3", 4", 6", 8", 10", 12".

C123.
PANIC BOLTS
As approved by Board of Health
12", 18", 24", 30", 36", 42", 48".

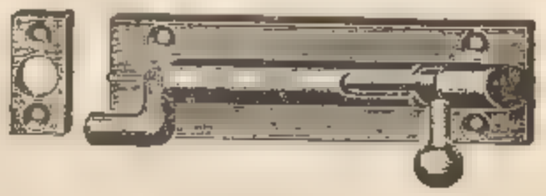


C121.
SURFACE GATE LATCHES

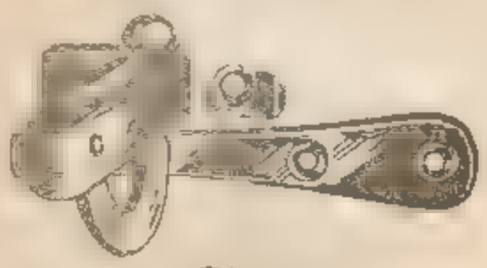
C122.
BARREL BOLTS
Antique on Brass. With Long Shoot.
Sizes: 2", 2½", 3", 4", 6".

C126.
CARRIAGE DOOR OR BUDGET LOCK
Made to Mortice into Door or to Screw on Surface.
Depth of Lock: ¾", 7", 1".

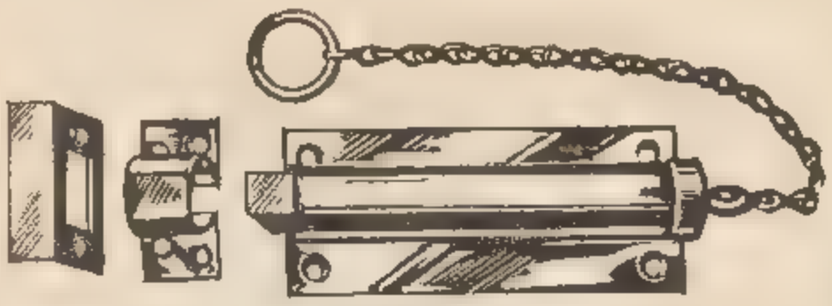
C127.
CUPBOARD BOLTS
Japanned, Brass, Nickel Plated.
Sizes: 2", 2½", 3", 4".
Florentine Bronze: 1½".



C125.
BRASS BARREL BOLT
(Necked Shoot.)
¾" wide x 2½", 3", 4".



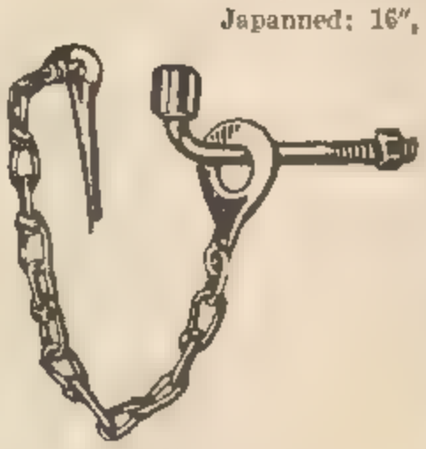
C124.
COLONIAL "D" LATCHES
Finish, Japanned and Galvanised.



C129.
CHAIN BOLTS
Japanned, 6", 8". Florentine, 6".

C130.
GATE SPRINGS
Japanned: 16", 18", 20".

C128.
IMPROVED "D" LATCHES
Stamped Steel
Japanned and Galvanised.



C133.
FARM GATE CATCHES
The Knob and Ring Gate Catch cannot be opened by stock and is made to screw into post or bolt through as illustrated.
Japanned or Galvanised.

C134.
FLUSH BOLTS
For Cupboards.
Brass: 3", 4".
Heavier Type: 6", 8", 10", 12".

C132.
WROUGHT BAR STAPLES
Size: 2½" wide for 3" x 2" Beams.
In a pair one staple has open top.

C137.
CASTOR SOCKET
For ⅞" Tubing.

C131.
NORFOLK LATCHES
Wrought Japanned.

CASTORS, ETC.

C138.
DOMES OF SILENCE
A Castor for Chairs and Tables, etc.
In sets of four. ½", ⅝", ¾", 1", 1½".

C135.
TEA WAGON CASTOR
2" and 3".

C136.
"SWIVLO" PLATE CASTORS
Ball Bearing.
Sizes: 1", 1¼", 1⅝".

C143.
BALL BEARING SWIVEL CASTORS
With Semi-Steel Wheels.
Sizes: 2", 2½", 3", 4", 5", 6".
With "Baco" Rubber Wheels.
Sizes: 2", 2½", 3", 4", 5", 6".

C139.
OFFICE CHAIR CASTOR
Finish, Electro., Brass and Chromium.
Size: 1¾", 2".

C140.
HOSPITAL CASTORS
Plain and also with Brake and Ball Bearing.
Sizes: 2", 2½", 3", 4", 5"

C141.
TEA WAGON CASTOR
Size: 2".

C142.
BALL CASTORS
Steel Ball runs in any direction and will not tear floor coverings.
Width overall: 1⅛", 1½", 1¾".

C144.
CASTOR SOCKET
For Wood.

C145.
STATIONARY CASTORS
With Semi-Steel Wheels.
Sizes: 3", 4", 4½", 6".
With "Baco" Rubber Wheels.
Sizes: 3", 4", 4½", 6".

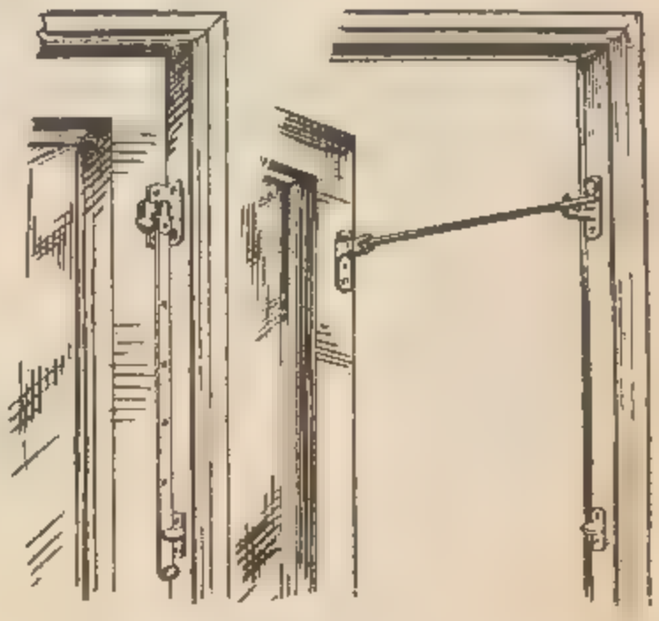
Sash Lifts, Fasteners, Openers, Etc.

C146.
BAR SASH LIFTS
Florentine Bronze, Nickel Plated.
Size: 2" x ⅜".

C147.
RING SASH LIFTS
Antique Finish.
Polished Brass.
Satin Nickel.

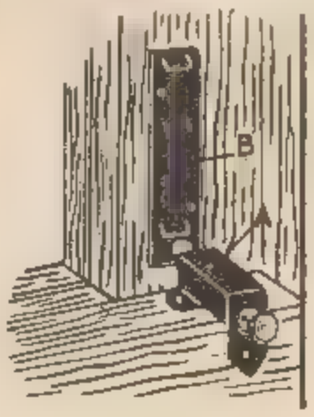
C148.
HOOK PATTERN SASH LIFTS
Antique Copper.
Nickel Plated.

C149.
SASH FASTENERS
Nickel Plated and Florentine Finish on Steel. Also Brass.

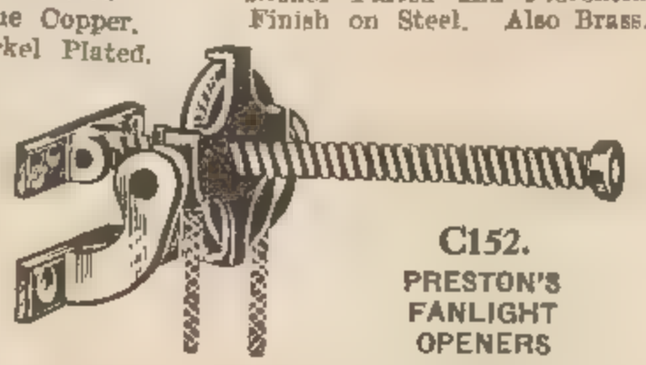


C153.
COMBINATION CASEMENT STAYS
Combination Stay and Fastener. Does away with the necessity of having a separate Fastener.
Antique Copper Finish. Steel and Brass.
Nickel Plated.

C150.
BEACON SASH LIFTS
Florentine and Nickel Plated.



C151.
STAYLOCK WINDOW FASTENING
Florentine Bronze.

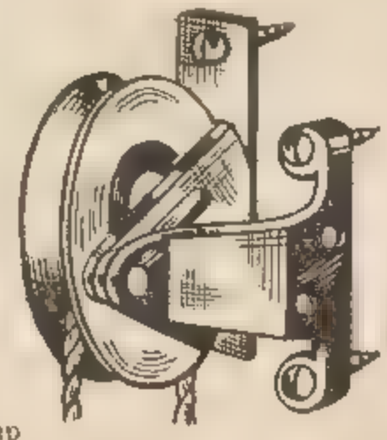


C152.
PRESTON'S FANLIGHT OPENERS
The Most Efficient Type of Opener.
12", 15" and 18" Iron Screw. Cords to Suit. 4'6", 6', 8', 10' and 12' Drop

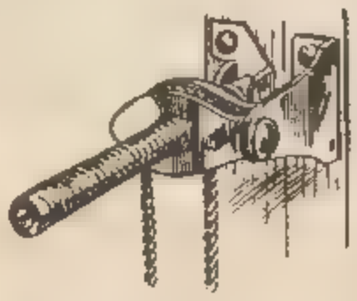
C154.
LOCKING SASH LIFTS
Florentine Bronze.

C155.
BUTTONS
Japanned: 1¼", 1¾", 2", 2¼", 2½" Brass: 1½" 2".

C156.
SASH WEIGHTS
From 2 lbs. up to any weight required.



C157.
"CIRCLO" FANLIGHT OPENER
A Perfect Lock either Open or Closed. Bronze Finish. Complete with 4'6" Double Cord and Wood Grip Handles.



C158.
THE "OUVRO" EVERY-WAY OPENER

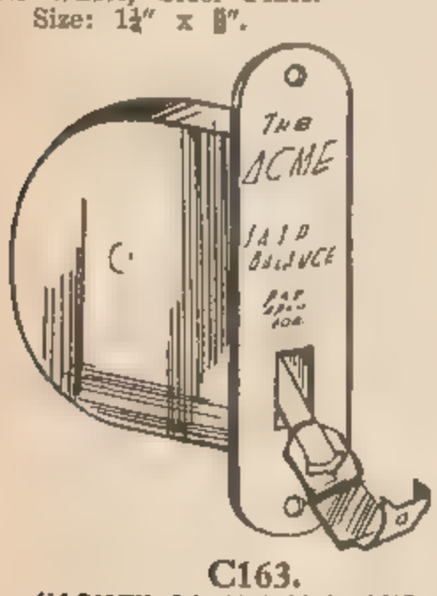
C159.
SASH PULLEYS
Stamped Steel.
Cast Iron and Ball Bearing

C160.
CASEMENT FASTENERS
Antique Copper Finish, plain design, with Mortice or Hook Plate.

C161.
ALL BRASS SASH ROLLER
1¾" x ⅝" and 2" x ¾".
Brass Wheel, Steel Plate.
Size: 1¾" x ⅝".

DANKS

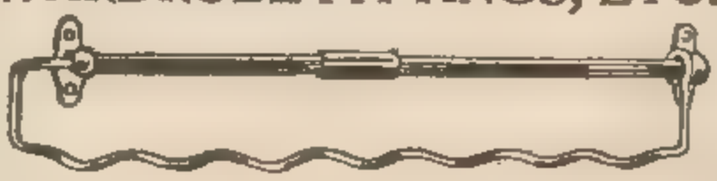
C162.
SASH SCREWS
Brass Knob.
Steel Screw.
Sizes: ¾" x 2", 2½" x 3".



C163.
"ACME" SASH BALANCES
Standard Type.
(1) They consist of: (a) Watch Spring; (b) Steel tape of 40 inches length, rustproof, untwistable and unbreakable; (c) Casing of electro-galvanised rustproof steel.
(2) There are two types: (a) side installations for standard use on the jamb; (b) overhead type for narrow mullions.
(3) The "Acme" Sash Balance is manufactured in seven ranges: 4½, 6, 8, 10, 12, 14, 16 lbs.

C164.
ROLLER
As used in conjunction with "Acme" Sash Balances.

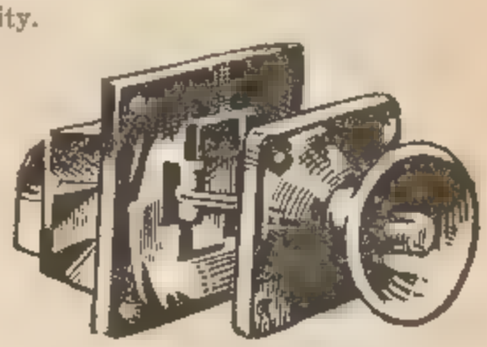
WARDROBE FITTINGS, ETC.



C165.
WARDROBE CLOTHES HANGERS
These Expanding Hangers can support several Coat Hangers and can be had in four sizes:
9", 12", 14", 16".
Also in Better Quality.

C166.
SLIDING ROD HOOKS
For Wardrobes.
Electro. Brassed Finish for ⅝", ¾" Rod.

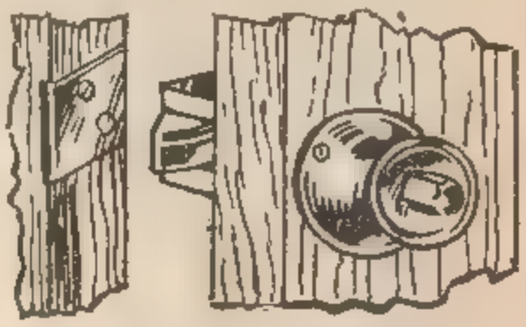
C167.
ROD SOCKETS
For ½", ⅝", ¾", 1" Rod
Electro. Brassed Finish.



C168.
"WARDRO" PUSH BUTTON CATCH
Bronze, Chromium or Nickel Plated.
Specially designed for large Cupboards, Wardrobes, etc.

C169.
REVOLVING WARDROBE HOOK
Florentine or Nickel Plated.

C170.
CAST WARDROBE HOOK
Finished in Electro. Brassed Oxidized Copper, Nickel Plated.



C171.
"EGRO" PUSH BUTTON CATCH
Florentine Chrome, Nickel Plated.
Specially designed for large Cupboards, Wardrobes, etc

LET US QUOTE YOU FOR DISTINCTIVE FITTINGS FOR YOUR HOME

JOHN DANKS & SON PTY. LTD.

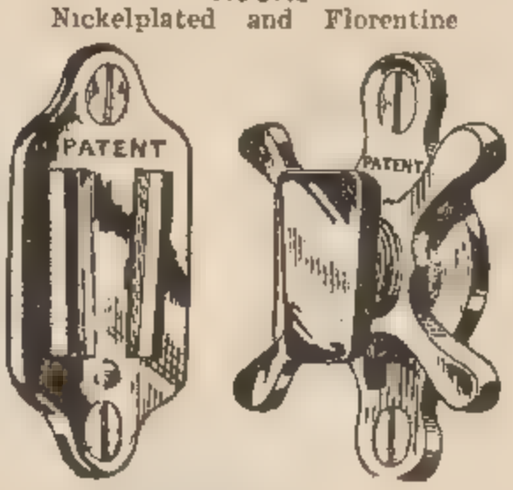
MELBOURNE AND SYDNEY

Hat and Coat Hooks, Etc., Mirror Fittings

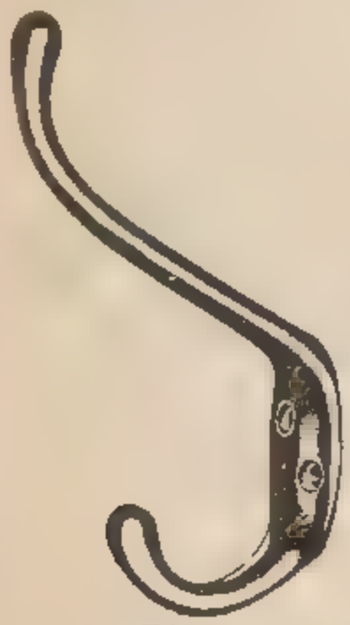
C175.
COAT HOOK
Finish, Florentine Bronze, Chromium and Nickelplated.

C176.
DOUBLE WARDROBE HOOKS
Nickelplated and Florentine

C177.
HAT AND COAT HOOKS
Finish, Florentine Bronze, Chromium and Nickelplated.



C178.
GLASS MOVEMENTS
Capstan Pattern, with Lock Nut. Solid Brass.

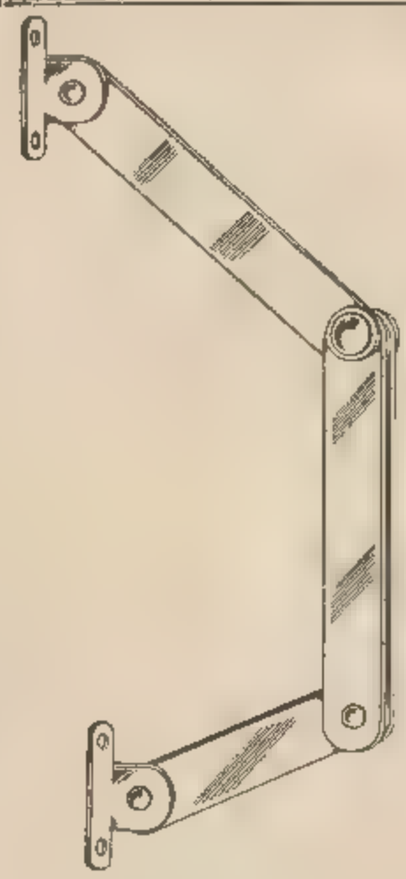


C179.
HAT AND COAT HOOKS
Small and Medium size. Finish, Florentine Bronze.

WE STOCK A LARGE AND VARIED ASSORTMENT OF HARDWARE FOR EVERY CLASS OF BUILDING.
WRITE OR CALL FOR FURTHER DETAILS.

C180.
GLASS PLATES
Finish, Brass and Brassed
1¼", 1½", 1¾", 2".

C181.
MOVEMENTS
Brassed for use on Mirrors. 1⅝".



C182.
MIRROR ARMS
Elbow Arms for Frameless Mirrors. Will hold in any desired position. Nickelplated Finish.

C183.
NAME PLATES
Finished in Brass and Copper. 9½" x 2¼" x 1" Letters.
Any type or Design of Plate can be supplied.

C184.
NAME PLATES
Solid Sheet Copper, mounted on Wood Back. Oxidised Finish.

C185.
ENAMELLED SIGNS
Sizes: 6" x 1½".

In the following:—Letters. Ladies' Bathroom. Ladies' Cloakroom. Manager. No Admittance. No Hawkers or Canvassers. No Smoking. Please Enter. Please Knock. Please Open. Please Ring. Please Shut the Gate. Private. Private Entrance. Public Telephone. Pull. Push. Side Entrance. Back Entrance. Bar. Bathroom. Ladies. Caretaker. Cashier. Cloak Room. Dining Room. Enter. Enter Without Knocking. Gentlemen. Gentlemen's Bathroom. Gentlemen's Cloak Room Inquiries. Lavatory. Tradesmen. Letters. Please Close. Please Shut the Door.

C186.
HOUSE NUMBERS
Brass, 2" high.

Finish, Polished Brass, Florentine Bronze, Chromium Plated.

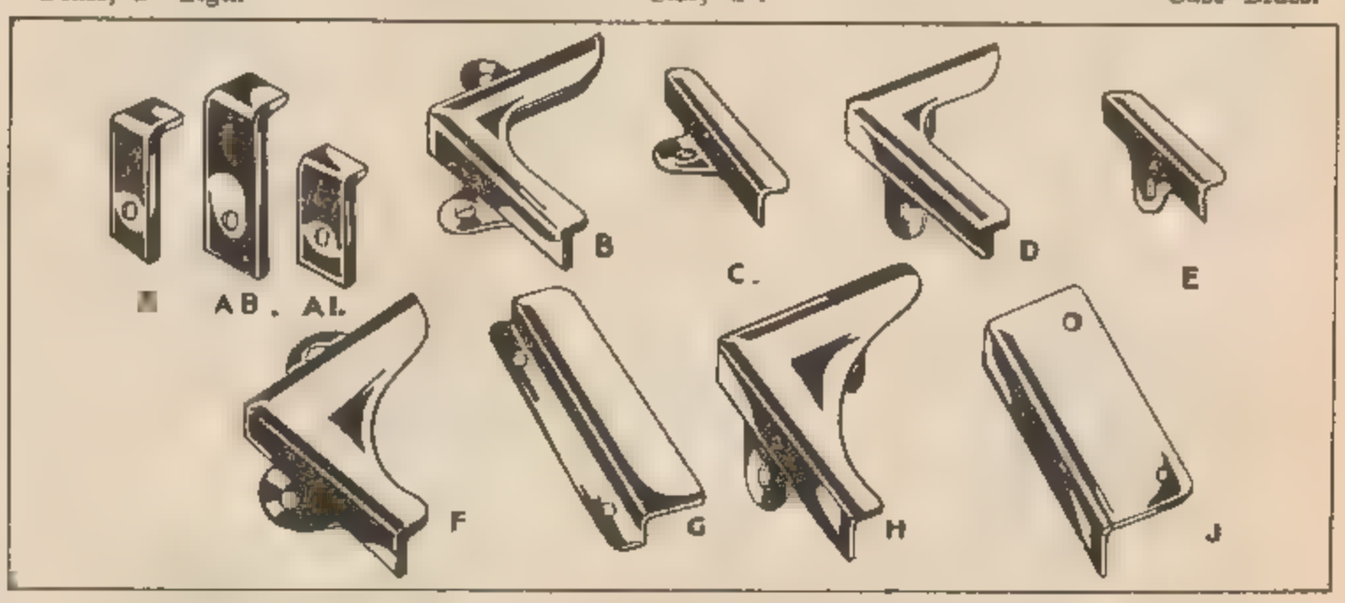
C187.
Enamelled House Numbers

Any Number can be Supplied.

Finish, Florentine Bronze, Chromium Plated, Hammered, Mission, Satin Nickel

C188.
HOUSE NUMBERS
Cast Brass.

MAY ALSO BE HAD IN COLOURED BAKELITE—WHITE, WALNUT, PRIMROSE.
Size, 2".



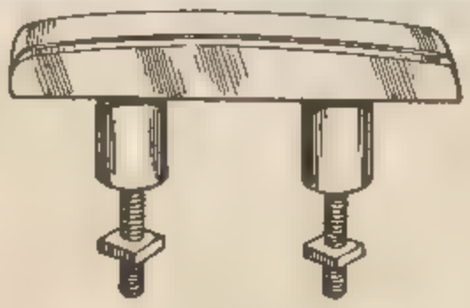
C189.
MIRROR AND GLASS CLIPS
Nickelplated Finish.

A.—Side.
AB.—Side, Large.
Al.—Side, Short.
B.—Corner, for Inside Mirrors.
C.—Side, for Inside Mirrors.
D.—Corner, for Outside Mirrors.
E.—Side, for Outside Mirrors.
F.—Large Corner, for Inside Mirrors.
G.—Large Side, for Inside Mirrors.
H.—Large Corner, for Outside Mirrors.
J.—Side, Heavy, Extra Wide.

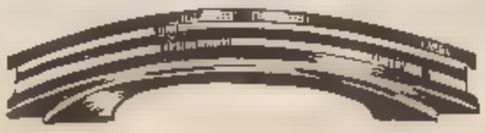
Abbreviations Used:—
A.B., Antique Brass Finish.
E.B., Electro-brassed Finish.
F.B., Florentine Bronze Finish.
A.C., Oxidised Copper Finish.
N.P., Nickelplated Finish.
P.B., Polished Brass Finish.

CABINET HANDLES, CATCHES, ETC.

C191.
Cabinet Handles
Antique Finish on Solid Brass.
Small and Medium Sizes.
Pedestal to match.



C193.
Made in Bakelite
Colours: Red, Cream, Green, Light Green, Natural.
Sizes: 1¾", 2⅞".

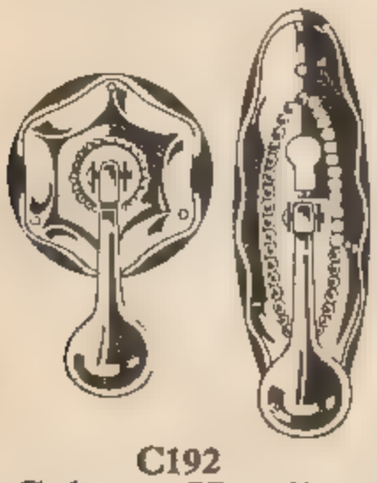


C194.
Made in Bakelite with 2 Nickel Strips
Colours: Red, Blue, Black, Light Green, Natural.
Sizes: 3½", 5".

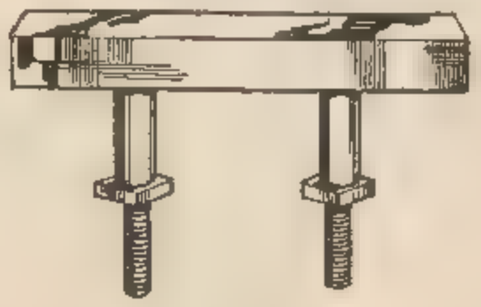
C195.
Made in Bakelite with Nickel Strip
Colours: Blue, Black, Red, Green, Light Green, Natural.
Sizes: 3½", 5".

C197.
Made in Bakelite with Nickel Strip
Colours: Red, Blue, Black, Cream, Light Green, Natural.
Sizes: 3½", 5".

C200.
Flush Handles
For Sliding Doors, 3" long
Finish: Antique Copper, Brass or Nickel Plated.



C192
Cabinet Handles
Drop Pattern, finished in Antique Copper.
Small and Medium Size.
Cupboard Turns and Pedestal Handles to match.



C196.
Nickel Plated on Solid Brass
Sizes: 3", 4".

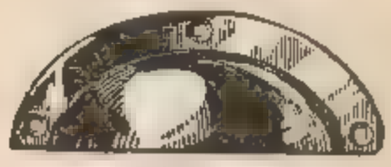
C198.
Solid Brass Handles
Finished in Chrome Plate.
Florentine Bronze or Satin Nickel
Sizes: 3", 4".

C201.
Drawer Pulls
Size: 3¼" x 1¼".
Nickel or Chromium Plated and Florentine.

C199.
Nickel Plated on Solid Brass
With Red, Green or Natural Inserts
Sizes: 3 , 4½ .

C203.
Stamped Card Pull
Takes cards 2¼" x 1¼".

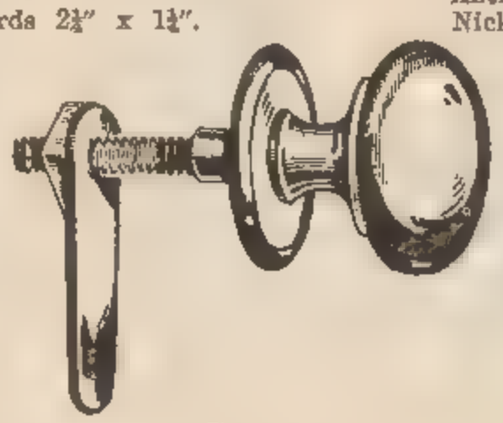
C204.
Stamped Card Frame
Takes cards 2¼" x 1¼".



C202.
Drawer Pulls
Antique Finish, 3", 4".
Nickel Plated, 3", 4".

C205.
Ice Chest Lever Catch
Nickel Plated.

C210.
Spring Gripper Catch



C211.
Cupboard Turns
Antique Knob.
⅞", 1", 1¼", 1½" diam.
Also Polished Brass.

C212.
Pressed Steel Box Handles
Japanned
3¼", 3½", 4".

C207.
Ice Chest Roller Catch
Improved Type, Nickel Plated.
Lighter Catch for Kitchen Cabinet, nickel plated.

C208.
Handrail Bracket
Japanned Steel
3", 3½" projection.
Also Brass in Various Colours.

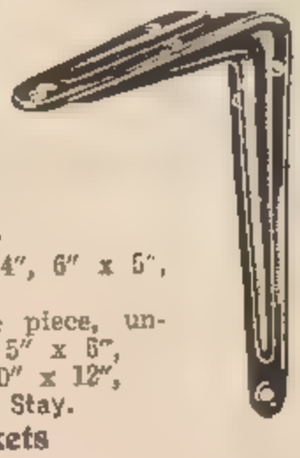
C209.
Shutter Knobs
Brass, Antique Nickel Plated.
½", ⅝", ¾", 1", 1¼", 1½", dia.

C213.
Elbow Catch
Nickel Plated and Steel.

C214.
Kitchen Cabinet Catch
Right or Left Hand.
Nickel plated.
For flush or offset doors.

C215.
Flat Corner Irons
Made of Flat Bright Steel with countersunk screw holes.
2½" x 2½", 3" x 3", 3½" x 3½", 4" x 4".

C216.
Corner Brackets
Made of Flat Bright Steel.
1½" x 1½", 2" x 2", 3" x 3", 4" x 4".



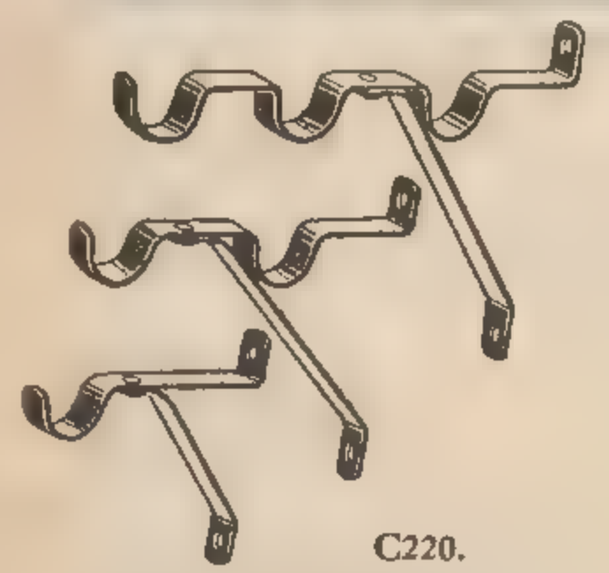
C217.
Shelf Brackets
Tinned—3" x 2", 4" x 3", 5" x 4", 6" x 5", 8" x 6", 10" x 8".
Japanned steel, stamped in one piece, unbreakable—3" x 4", 4" x 5", 5" x 5", 6" x 8", 7" x 9", 8" x 10", 10" x 12", 12" x 14". Also with Stay.
Folding Type Brackets
Japanned Finish
Size: 8" x 8" and 12" x 12"

N°134
C218.
Flush Rings
Japanned
Size: 3½" x 3¼"

JOHN BANKS & SON PTY. LTD.

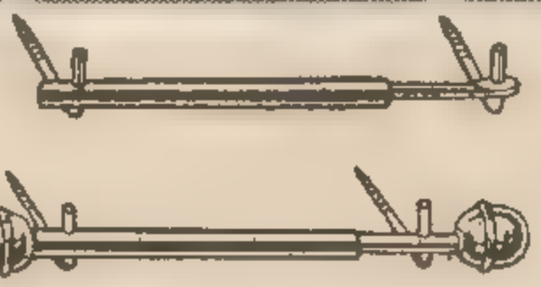
MELBOURNE AND SYDNEY

Curtain and Picture Fittings, Etc.



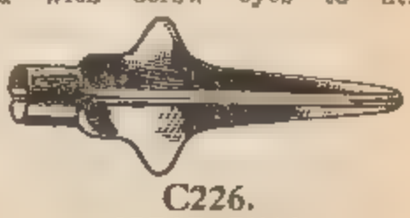
C220.
CURTAIN ROD BRACKETS
Brass Plated. Single, 3"–4". Double and Treble, for Curtain and Valance.

C221.
SIDE HOOKS AND EYES
Solid Brass. Sizes: ¾", 1", 1¼", 1½" and 2". In Pairs.

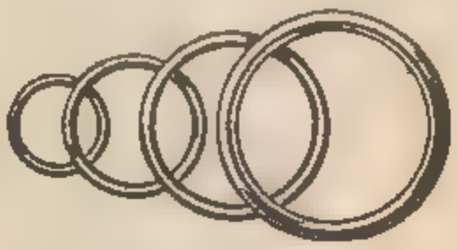


C222.
CURTAIN RODS
Plain Pattern, Brass Finish. Extending Pattern from 24" to 46", with Knobs Hooks and Brackets.

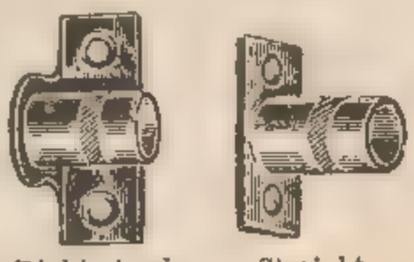
C223.
EXPANDING CURTAIN ROD
Strong, Rustless Coiled Spring. Adjustable to any width required. Can be fixed to any tension. Hook ends. Cut to any length specified. Supplied with screw eyes to fit.



C226.
SPEAR ENDS
For Curtain Rods. Sizes: ½", ⅝", ¾". Nickelplated, Electro-Brassed and Antique Copper Finishes.

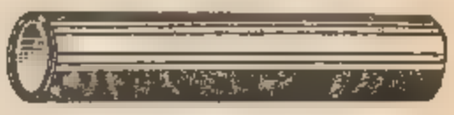


C224.
BRASS CURTAIN RINGS
Sizes: ⅝", ¾", ⅞", 1", 1¼", 1½", 1¾", 2".

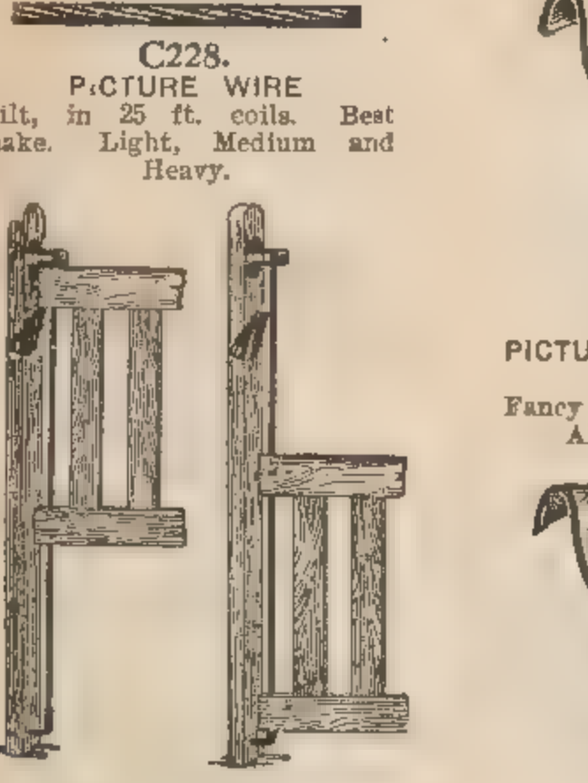


Right Angle. Straight.

C225.
CURTAIN ROD BRACKETS
For use with Brass-cased Tube. Solid Brass. Sizes: ⅝", ½", ⅝" and ¾", 1".



C227.
BRASS-CASED TUBE
Diameter: ⅝", ½", ⅝", ¾", 1".

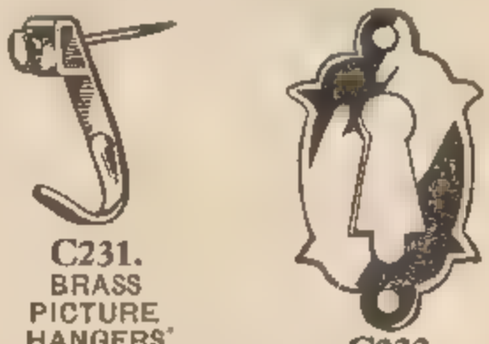


C228.
PICTURE WIRE
Gilt, in 25 ft. coils. Best make. Light, Medium and Heavy.

C240.
COT FITTINGS
For Drop-side Cots. Consist of two Long Rails and Fittings as illustrated. Oxidised Finish.

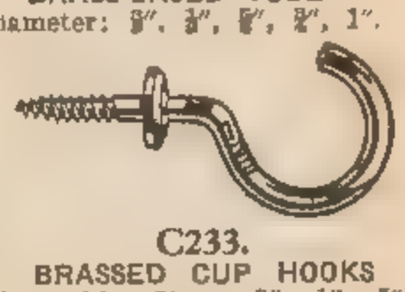
C229.
PICTURE MOULDING HOOKS
Fancy Antique Design. Also Brassed.

C230.
PICTURE HOOKS
Plain Brass, with Nails. Also A.C.

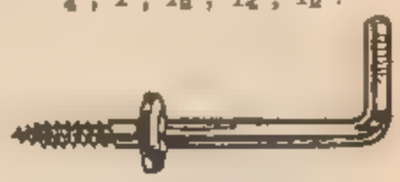


C231.
BRASS PICTURE HANGERS
Does not damage walls. Single Pin, Small and Medium; also Double Pin, Large.

C232.
ESCUTCHEON PLATES
Finished in Brass, Florentine, Antique Copper and Nickel-plated.



C233.
BRASSED CUP HOOKS
(Round.) Sizes: ⅝", ½", ⅝", ¾", 1", 1⅛", 1¼", 1½".



C234.
SQUARE BRASSED CUP HOOKS
Sizes: ⅝", ½", ⅝", ¾", 1", 1¼", 1½", 2".

C239.
PICTURE MOULDING HOOKS
Antique Coppered and Brassed.

C238.
PICTURE HOOKS
Complete with Nails. Large Range of Patterns.

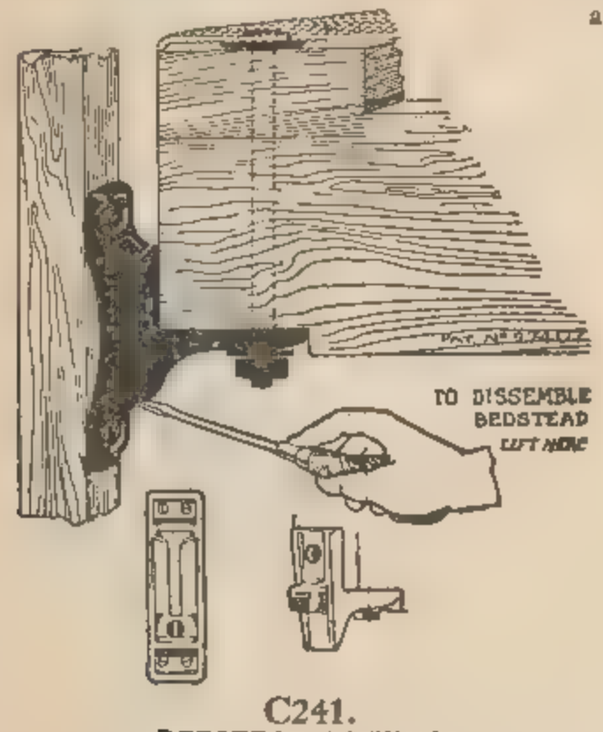
C237.
CARPET PINS AND SOCKETS
Solid Brass. Used for keeping down Carpet Ends. Sizes: 1½", 2".

C235.
HOOKS AND EYES
Bright. 1½", 2", 2½", 3", 4", 5", 6", 8", 10", 12".

"DORSEAL" SQUEEGEE DRAUGHT EXCLUDER

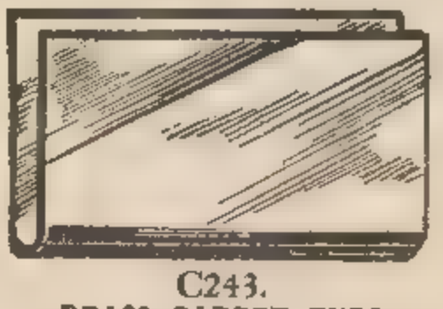
For the Bottoms of Doors. Steel Lined, Rubber Coated Suedette covered. Simply fixed on the bottom of Door. Flexible Strip allows free movement over Carpets.

C236.
BRASS CABIN HOOKS
Sizes: 2½", 3", 3½", 4", 5", 6", 8".



C241.
BEDSTEAD FITTINGS
These fit direct to Mattress and Post, making Side Rails unnecessary. Sold in Sets of 4.

C242.
LETTER BOXES
Made of Galvanised Iron, Hinged Lid at top, with Hasp and Staple to take Padlock.



C243.
BRASS CARPET ENDS
Made of Polished Brass and folds over ends of Carpets. 2" wide x 22½", 24", 27", 30", 36" long.

C244.
DUST ARRESTERS
Prevent Dust and Draught from coming under Doors. Automatically lift as Door is opened and swings clear of Carpet. Antique Finish, also Wood with Brass Ends; also Florentine, Polished Brass and Painted. Specify Width of Door When Ordering

GIVE US A TRIAL—SATISFACTION GUARANTEED

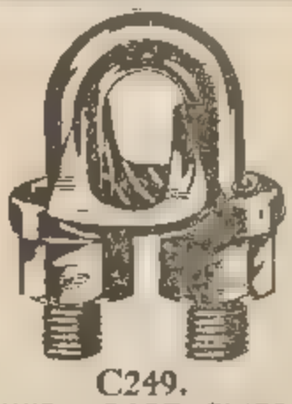
PULLEYS, BLOCKS, ETC.

C245.
WESTON'S DIFFERENTIAL PULLEY BLOCKS
Supplied with 40 ft. of Chain to lift 10 foot capacity. ½, ¾, 1, 1½, 2 tons.

C246.
DOOR SHEAVES
Of best quality Wrought Steel, with Hardened Steel Ball-bearings. No. 1 size for ordinary Showcase, Doors, etc. Case is 11/32" thick. No. 2 size for Heavy Doors. Case is ⅜" thick.

C247.
STEEL TRACK
Copper Coated, in 10 ft lengths.
Made for use with Door Sheaves.

C248.
FORGED SHACKLES
Sizes: ¼", 5/16", ⅜", 7/16", ½".



C249.
WIRE ROPE CLIPS
To suit Rope.
Diam. 3/16", ¼", 5/16", ⅜", ½", ⅝".

C250.
BARN DOOR HANGERS
For hanging Barn Door from overhead runners. 4", [illegible] wheel. Also [illegible] round track [illegible]

GARAGE ROLLING DOOR

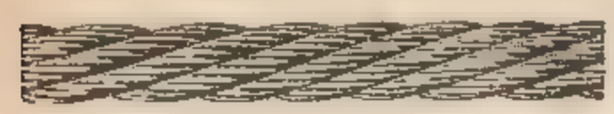
Door, in three parts, is hinged so it can slide around a sharp curve. Hung on swivelled roller-bearing trolleys that operate on a continuous steel track.
The track extends above the door opening inside, and for the same distance along the adjoining wall, curved at the corner.
The door slides around the corner smoothly; doesn't cut off an inch of valuable space. It lies flat against the side wall when open, out of the way. Track and hangers are inside the garage, fully protected from the weather.
This light and strong Rolling Door equipment can be easily erected in three different ways:—Three doors hinged together, all doors rolling to right. In similar style, rolling left; or with service door hinged to wall, allowing other doors to roll past to side wall.

C252.

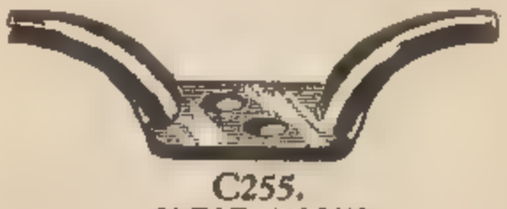
Equipment consists of:—3 Roller Bearing Hangers; 3 Flap Hinges, 3 Tee Hinges; 3 Door Handles; 1 pair Floor Guide Plates; 2 Doorsteps; 2 pieces of Straight Track 1 piece of Curved Track. Wall brackets and fish plates to suit. Necessary bolts screws, and nuts. All parts stove enamelled green. For openings up to 8 ft. with 3 doors. Extra 18 in. extension pieces, complete with brackets.

C251.
CLOTHES LINE PULLEYS
Galvanised
Complete with Hooks or Pulleys only

C253.
SIDE PULLEYS
Single: ¾", 1", 1¼", 1½", 2".
Double: ¾", 1", 1¼", 1½", 2".



C254.
GALVANISED STEEL FLEXIBLE WIRE ROPE
Composed of 6 Strands.
Diameter: ⅛", 5/32", 3/16", ¼", 5/16", ⅜", 7/16", ½", ⅝".



C255.
CLEAT HOOKS
Japanned: 3", 4", 5", 6".
Galvanised: 4", 5", 6".
Brass: 2½", 3", 3½", 4".

C256.
ROPE THIMBLES (GALVANISED)
Heart Shape.
Width: ¾", 1", 1⅛", 1⅜", 1½", 1¾", 2", 2½".
To suit Diam. Rope: 5/16", ⅜", 7/16", ½", ⅝", ¾", ⅞", 1".

C257.
BARN DOOR ROLLERS
Diam. of Wheel: 4", 5", 6", 8"

C.258.
WROUGHT TACKLE PULLEYS
For Manila Rope. Very strongly made for heavy work. In Single, Double and Treble. Sheaves: 2½", 3", 3½", 4", 4½", 5", 6". Suit Rope Circumference: 1⅛", 1¼", 1½", 1¾", 2", 2¼", 2½".

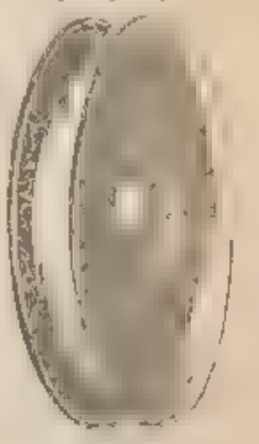
C259.
AWNING PULLEYS
Japanned. Single: ¾", 1", 1¼", 1½", 1¾", 2", 2½". Double: ¾", 1", 1¼", 1½", 1¾", 2", 2½".
Galvanised. Single: ¾", 1", 1¼", 1½", 1¾", 2", 2½". Double: ¾", 1", 1¼", 1½", 1¾", 2", 2½".

C260.
SPLIT LINKS
Best Bright Links.
Sizes: 3/16" x ⅝" to 2", ¼" x ⅝" to 2½", 5/16" x 1⅛" to 2½", ⅜" x 1⅛" to 2½".

C261.
SCREW PULLEYS
Sizes: ¾", 1", 1¼", 1½", 2".
Single and Double.

C262.
LAZY PULLEYS
Single: ¾", 1", 1¼", 1½", 2"
Double: ¾", 1", 1¼", 1½", 2".

C263.
SPLIT PINS
In Gross Packets. All sizes.



C264
PULLEY SHEAVES
[illegible]

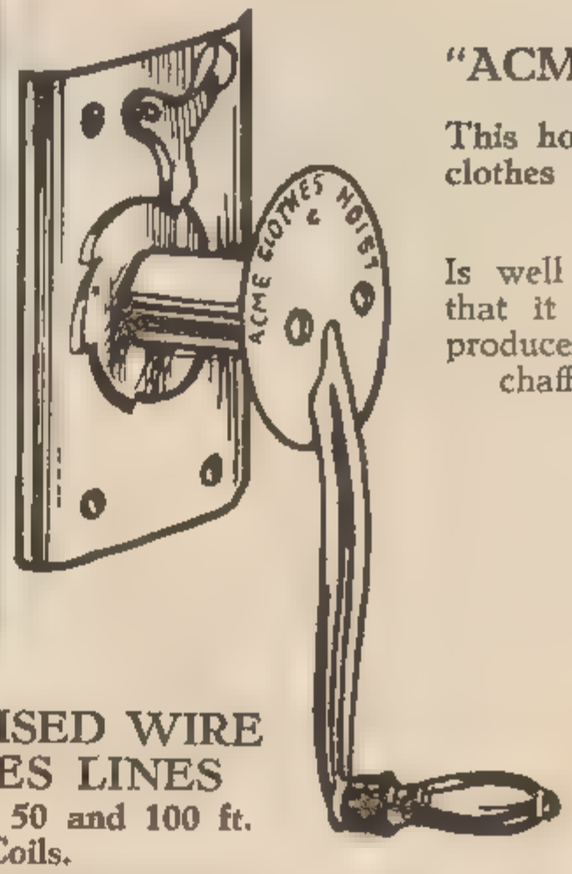
PROMPT ATTENTION IS GIVEN TO ALL MAIL ORDERS

JOHN DANKS & SON PTY. LTD.

MELBOURNE AND SYDNEY

BOLTS, SCREWS, NAILS Etc.

C270.
"AUSTRAL" ROTARY CLOTHES HOISTS
Ideal for Small Yards or Roofs of Flats
120 ft. of line in 16 ft. diameter.
170 ft. of line in 20 ft. diameter.
Erection free and at your convenience in the Metropolitan Area.



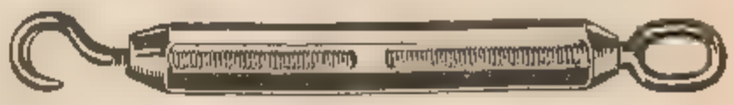
GALVANISED WIRE CLOTHES LINES
7 Strand, in 50 and 100 ft. Coils.

C271.
"ACME" CLOTHES HOIST
This hoist does away with unsightly clothes props and is quite simple to work.

Is well made, and of such strength that it may be used to hoist farm produce, such as a bag of wheat or chaff, or a slaughtered sheep.

C272.
Steel Wire Brads
Sizes: ½", ⅝", ¾", ⅞", 1", 1¼", 1½", 1¾", 2", 2¼", 2½".
In varying gauges from 14, 15, 16, 17, 18, 19, 20.

C274.
Clout Tacks
Bright or Galvanised.
⅜", ½", ⅝", ¾", 1", 1¼", 1½".

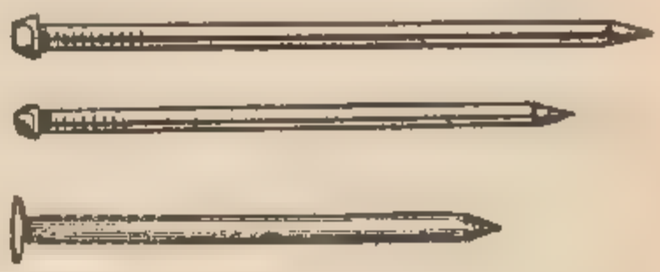


C273.
STRAINING SCREWS
For use on Guys of Wireless Masts.
Slackness can be instantly taken up.
Size of Screw: ½", 5/16", ⅝", 7/16", ½", ⅝", ¾".

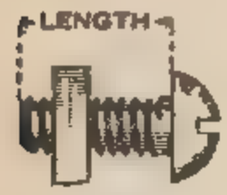
C275.
Stove Screws and Nuts
Countersunk Heads.
¼" to 2" x ⅛" dia.
¼" to 2" x 5/32" dia.
½" to 3" x 3/16" dia.
⅝" to 3" x ¼" dia.
¾" to 3" x 5/16" dia.
⅞" to 3" x ⅜" dia.

C276.
Tyre Bolts
¼" x 2", 2¼", 2½", 2¾", 3".

C277.
Dowell Screws
2" x 12 gauge.
2½" x 12, 14 gauge.
1" x 7. 1¼" x 9. 1½" x 10.



C278.
Wirenails
Flat Heads
¾", 1", 1¼", 1½", 1¾", 2", 2½", 3".
Bullet Heads
1", 1¼", 1½", 1¾", 2", 2½", 3", 3½", 4", 5", 6".



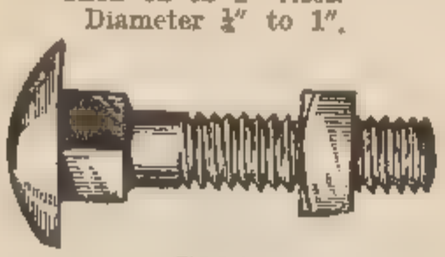
C283.
Stove Screws and Nuts
Round Heads.
¼" to 2" x ⅛" dia.
¼" to 2" x 5/32" dia.
½" to 3" x 3/16" dia.
⅝" to 3" x ¼" dia.
¾" to 3" x 5/16" dia
⅞" to 3" x ⅜" dia.

C279.
Engineers' Nuts and Bolts
Lengths ¾" up to 24".
Up to 3¾" in ¼" rises.
Up to 12" in ½" rises.
Then on in 1" rises.
Diameter ¼" to 1".

C280.
Set Screws
Hexagon Heads.
Sizes:
¼" x ⅜", ½", 1", 1¼", 1½", 2".
5/16" x ¾", 1", 1¼", 1½", 2.
⅜" x ¾", 1", 1¼", 1½", 2".
½" x 1", 1¼", 1½", 2".

C281.
Wing Nuts
IRON
Tapped ready for use.
Sizes:
3/16", ¼", 5/16", ⅜", 7/16", ½", ⅝".

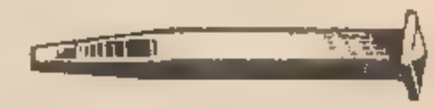
C282.
Floor Brads
Oval
2", 2¼", 2½".



C284.
Coach Bolts and Nuts
Lengths ¾" up to 24".
Up to 3¾" in ¼" rises.
Up to 12" in ½" rises.
Then on in 1" rises.
Diameter 3/16" to 1".

C285.
Nuts
(Square)
Tapped ready for use
3/16", ¼", 5/16", ⅜", 7/16", ½", ⅝", ¾", ⅞", 1".

C286.
Hexagon Nuts
Sizes:
3/16", ¼", 5/16", ⅜", 7/16", ½", ⅝", ¾", ⅞", 1".



C287.
Deck Spikes
For bridge building, etc.
⅜" x 5", 6", 7". 7/16" x 8".

C288.
Plough Bolts and Nuts
In various types.
Square or Round Neck or with Nib.

C289.
Coach Screws
¼" x 1½", 2", 2½", 3", 3½", 4".
5/16" x 1½", 2", 2½", 3" 3½", 4".
⅜" x 1½", 2", 2½", 3", 3½", 4".
½" x 2", 2½", 3", 3½", 4", 4½", 5", 6".

C290.
Handrail Screws
4", 4½", 5" and 6" x ⅜".

C291.
Eye Bolts and Nuts
Sizes:
¼" x 1½" to 6".
5/16" x 1½" to 6".
⅜" x 1½" to 6".
½" and ⅝" x 3" to 6"
Special Sizes can be Made to Order.

C292.
Iron Washers
¼", 5/16", ⅜", 7/16", ½", ⅝", ¾", ⅞", 5/32", 3/16", ⅞", 1".

C293.
Screw Eyes
(Bright)
No. 1, 2, 3, 4, 5, 6, 8, 10, 12, 14, 16, 18, 20.

BOLTS, SCREWS, ETC.

C295.
BLUED CUT TACKS
⅜", ½", ⅝", ¾".

TINNED CUT TACKS
⅜", ½", ⅝", ¾".

Special Large Heads in Blued and Tinned.
½", ⅝".

CUT COPPER TACKS
⅜", ½", ⅝", ¾", 1.

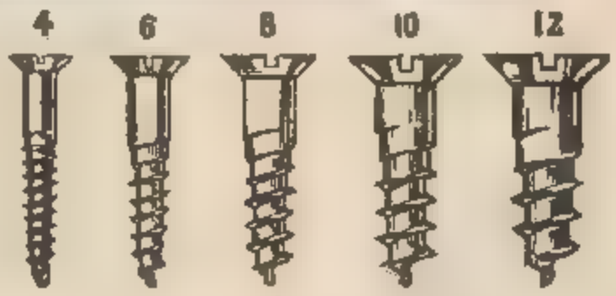
C296.
COPPER BOAT NAILS
Sizes: ¾", 1", 1¼", 1½", 1¾", 2", 2½", 3", 3½", 4", 5".

C297.
COPPER ROVES
Sizes: ⅜", ½", ⅝".

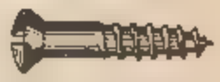
C298.
BIFURCATED RIVETS
For Mending Harness
Large and Small Tins.

C300.
COPPERED STAPLES
Sizes: ⅜", ½", ⅝".

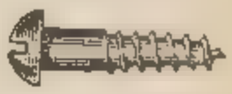
C301.
GALVANISED ROOF BOLTS AND NUTS
3/16" x ½", ⅝", ¾".



C302.
WOOD SCREWS
Sizes: ¼", ⅜", ½", ⅝", ¾", ⅞", 1", 1¼", 1½", 1¾", 2", 2¼", 2½", 3", 3½", 4", 5", 6".
Gauges: 00 up to 28.



C303.
NICKELPLATED RAISED HEAD SCREWS
Sizes: ⅜" to 2".
Gauges: 2 to 12.



C304.
OXIDISED ROUND HEAD SCREWS
Sizes: ⅜" to 2".
Gauges. 2 to 12.

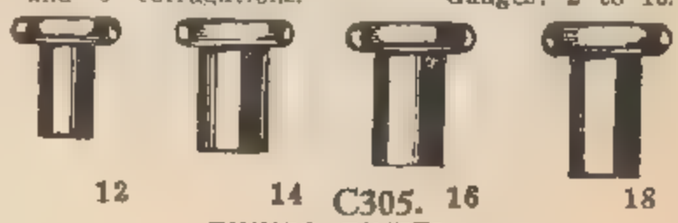
BRASS ROUND HEAD SCREWS
Sizes: ⅜" to 3".
Gauges. 2 to 16.

C299.
COPPER RIVETS AND WASHERS
Length: ¼", ⅜", ½", ⅝", ¾", 1.
In varying Gauges from 6, 7, 8, 9, 10, 12.
In ½ lb. Packets.
Also in Assorted ½ lb. Packets.

C307.
HOLDFASTS
Straight or Bent Pattern.
3", 4", 5", 6", 7" long.

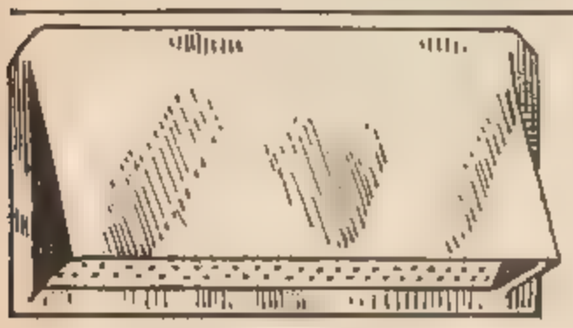
C306.
CORRUGATED WOOD FASTENERS
Plain and Divergent.
Largely used for joining Timber.
⅜" x 4 and 6 corrugations.
½" x 4, 5 and 6 corrugations.
⅝" x 4, 5 and 6 corrugations.
¾" x 5 and 6 corrugations.

ORDER BY NUMBER ONLY— DON'T CUT CATALOGUE



C305.
TINNED RIVETS
No. 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 18, 20. In Packets of 1000.

GALVANISED



C311.
MAGPIE PATTERN VENTILATORS
For Outside Use.

BRACKETS SUPPLIED TO SUIT ALL TYPES AND SIZES OF SPOUTING.

C308.
SCREW HOOKS
Sizes: 1¾", 2", 2¾", 3¼", 3¾", 4", 4½", 4¾".

C309.
SPRING HEAD ROOFING NAILS
Sizes: 1½", 1¾", 2", 2¼", 2½".

C310.
TERRA COTTA AIR BRICKS
Sizes: 9" x 3", 9" x 6".

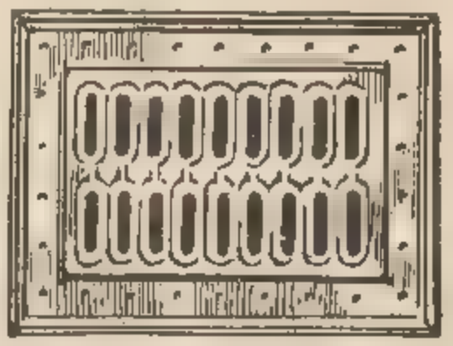
PLASTER VENTS
For Internal Use.
Oblong or Oval Shape.
Plain or with Galvanised Fly Wire.

IRON PRODUCTS

C314.
GALVANISED IRON SPOUTING
Quadrant Pattern.

All Sizes of Galvanised Spikes and Tubes Supplied.

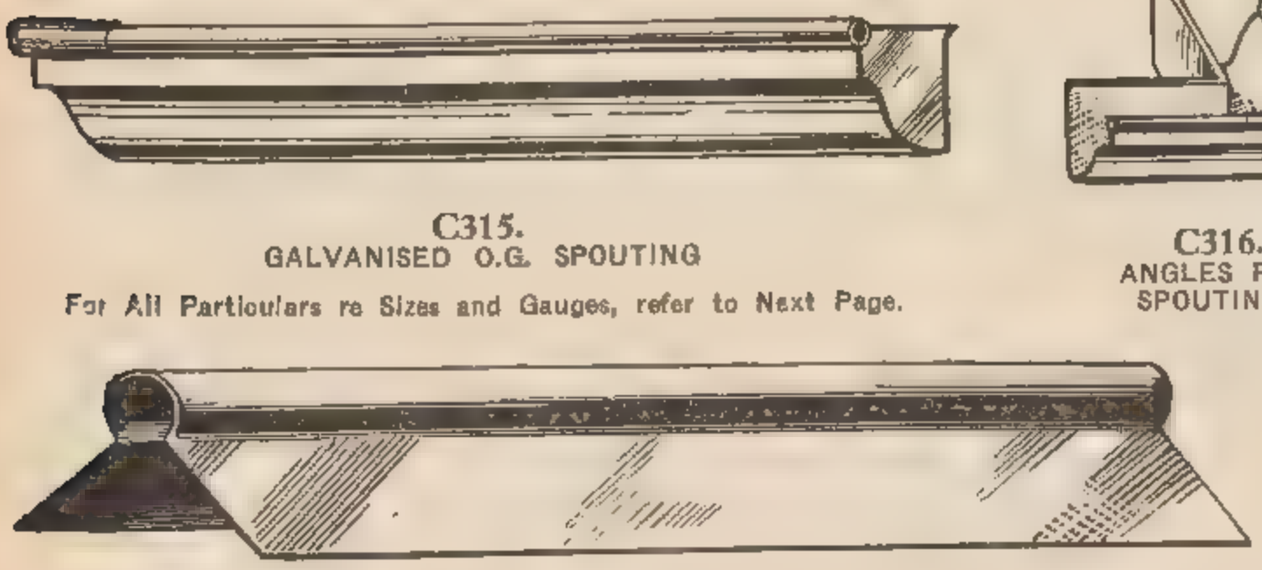
C312.
INSIDE VENT FOR USE WITH MAGPIE VENTS
Flat Galvanised



C313.
WUNDERLICH VENTS
Painted, 9" x 6".

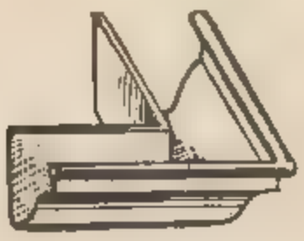
C318.
HEADS FOR DOWN PIPING
Sizes: 2", 2½", 3", 4".

C317.
GALVANISED AIR BRICKS
Bar Pattern.
Sizes: 9" x 3", 9" x 6".

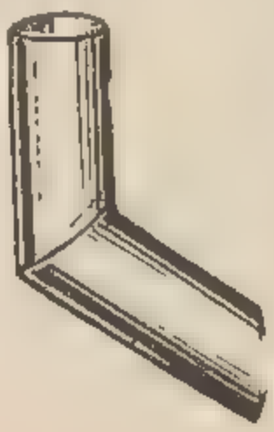


C315.
GALVANISED O.G. SPOUTING

For All Particulars re Sizes and Gauges, refer to Next Page.



C316.
ANGLES FOR SPOUTING



C320.
ELBOWS AND SHOES
To suit all sizes of Down Pipe

C321.
SOIL PANS (OVAL)
Sizes: 17" long x 13" deep, 18" long x 14" deep.
Also same sizes with Iron Straps.

C319. GALVANISED IRON RIDGING

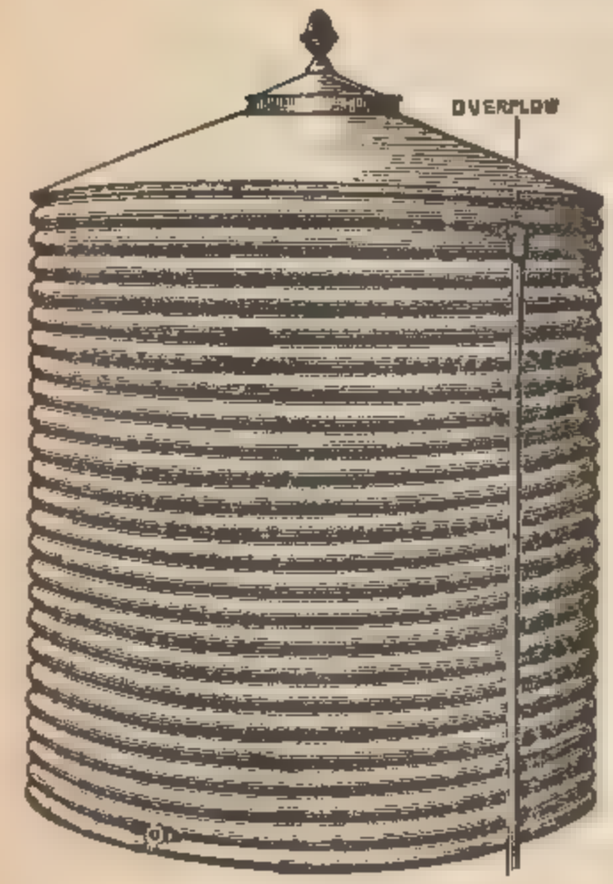
FOR ALL PARTICULARS RE SIZES AND GAUGES OF ABOVE PRODUCTS, REFER TO NEXT PAGE.

QUOTES GLADLY GIVEN FOR LINES NOT ILLUSTRATED

JOHN DANKS & SON PTY. LTD.

MELBOURNE AND SYDNEY

GALVANISED IRON PRODUCTS Cont.



C322.

Corrugated Galvanised Iron Tanks

Strongly made. True to gauge throughout. With or without cone-shaped cover. Ordinary or double soldered as desired.

Tanks up to and including 8 ft. 6 in. diameter can be forwarded by rail complete. Larger sizes either by special arrangements or in sections if desired we will supply the curved sections and tops and bottoms for any of the sizes in the following list as well as for larger tanks.

Capacity.	Gauge.	Diameter.		Height.	Weight without Cover			Weight with Cover.		
Imp. Gallons		ft.	ins.	feet.	cwt.	qrs.	lbs.	cwt.	qrs.	lbs.
500	24	4	0	6	1	0	14	1	1	14
750	24	5	0	6	1	2	0	1	3	0
1,000	24	5	9	6	2	0	0	2	1	0
1,500	24	7	0	6	2	2	0	3	0	0
2,000	24	8	3	6	3	0	0	3	2	14
3,000	22	8	6	8	4	0	0	4	3	0

Particulars of larger sizes on application.

IRON FIRE PLACES

C323.

Made of 22 Gauge Iron Galvanised or Black Enamel Finish. Height of Opening, 4 ft. Height Over All, 14 ft. to Top of Flue Pipe.

SIZES:

30 inches wide
36 inches wide
48 inches wide

GALVANISED IRON SPOUTING,

in 6 ft. Lengths—

"QUADRANT" SPOUTING

3", 4", 4½", 5", 6", in 24, 26 and 28 gauge.

"O.G." SPOUTING

3", 3½", 4", 4½", 5", 6", in 24, 26, 28 gauge.

RIDGING

12", 14", 15", 16", 18", 20", in 24, 26, 28 gauge

DOWNPIPE

Soldered or Grooved Seams.

1½", 2", 2½", 3", 3½", 4", 5", 6", in 24, 26, 28 gauge

SQUARE DOWNPIPE

3" x 3", 4" x 2", 4" x 3", 4" x 4", 6" x 4", in 24, 26, 28 gauge

Can also be had with Riveted Seams at small extra cost.

HEADS FOR DOWNPIPES

2", 2½", 3", 3½", 4".

SHOES AND ELBOWS

To suit all sized pipes.

ANGLES FOR SPOUTING

All Sizes.

All the above illustrated on the previous page.

WE STOCK THE FOLLOWING LINES—

GALVANISED CORRUGATED IRON

"Orb," up to 12 ft.
Zincanneal, up to 10 ft.

PLAIN GALVANISED IRON

Also in Zincanneal.

6 ft. x 36", 30", 24", by 28, 26, 24, 22, 20, 18, 16 gauge.

GALVANISED RIPPLE IRON

Up to 10 ft., in 26 gauge only.

BLACK IRON

6 ft x 36", 30", 24", by 26, 24, 22, 20, 18, 16 gauge

HOOP IRON

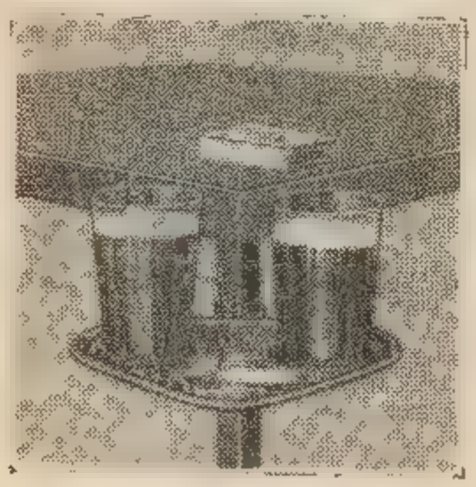
¾, ⅞", 1", 1¼", 1½", 2" wide, in ½ cwt. coils

SKYLIGHTS

Send for particulars of sizes and prices.

WE APPRECIATE YOUR ORDER WHETHER LARGE OR SMALL

PEERLESS CARD TABLE COMPANION ~ ~ ~ ~



KEEPS YOUR TABLE TOP CLEAR FOR PLAYING. ~ ~ ~

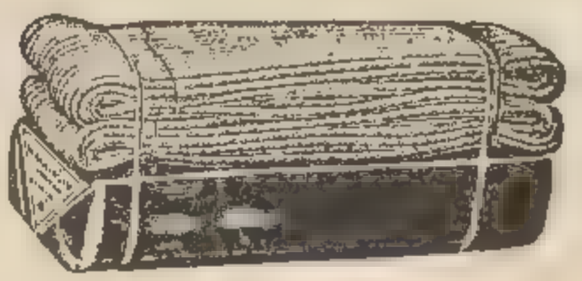
FITS EITHER ROUND OR SQUARE LEGS.

A NECESSARY ADJUNCT TO EVERY CARD TABLE. ~ ~

Manufactured in various colours

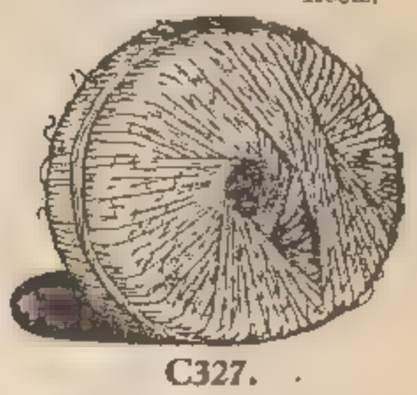
MADE IN AUSTRALIA Reg No. 9574

C324.
May be had in Blue, Green and Brown, Lacquered Finishes.

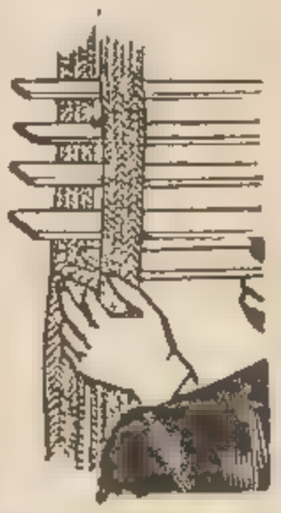


C325.
PLAITED SASH CORDS
JUTE
No. 3, 4, 5

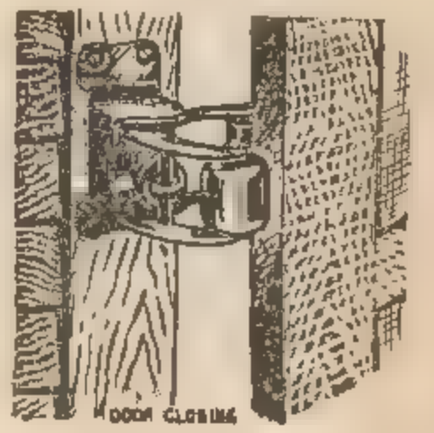
C326.
SISAL TWINE
For Garden Use
In 1 lb. and 7 lb. Reels.



C327.
REAPER AND BINDER TWINE
In Balls.



C328.
BLIND LADDER TAPE
Best woven.
VENETIAN BLIND CORD
Best White Lines.
GLACIE CORD
In colours.
CHAIR WEBBING
Good Quality. 2" wide in bundles of 18 yards



C329.
"SNAPPY" CATCHES
Rubber Rollers steady door when slamming and hold firmly when closed.

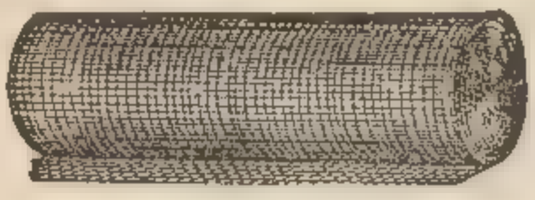
C330.
BRAIDED SASH LINES
The best Sash Line produced. Also used for purposes requiring a high-grade cord line.
Made in Cotton and Australian Linen.

No.	6	7	8	9	10	12
Approx feet to lb.	72	54	43	36	30	23

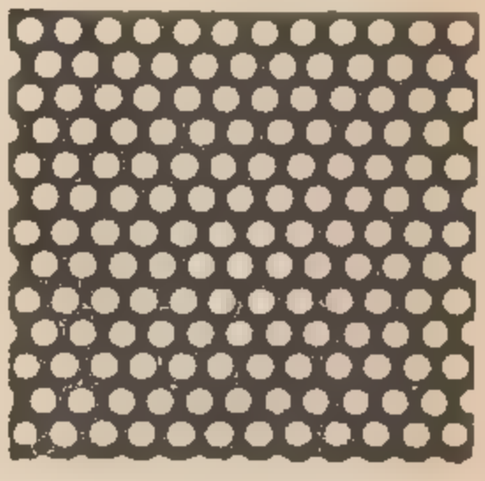
C331.
MANILA ROPE
Best Quality. Cut to any length.
Approximate Weight per 100 ft.

1"	1¼"	1⅜"	1½"	2"	2¼"	2⅜"	2½"	3"	Dia.
5	7	10	12	16	20	28	28	35	lbs.

ROPE CLOTHES LINES IN VARIOUS LENGTHS

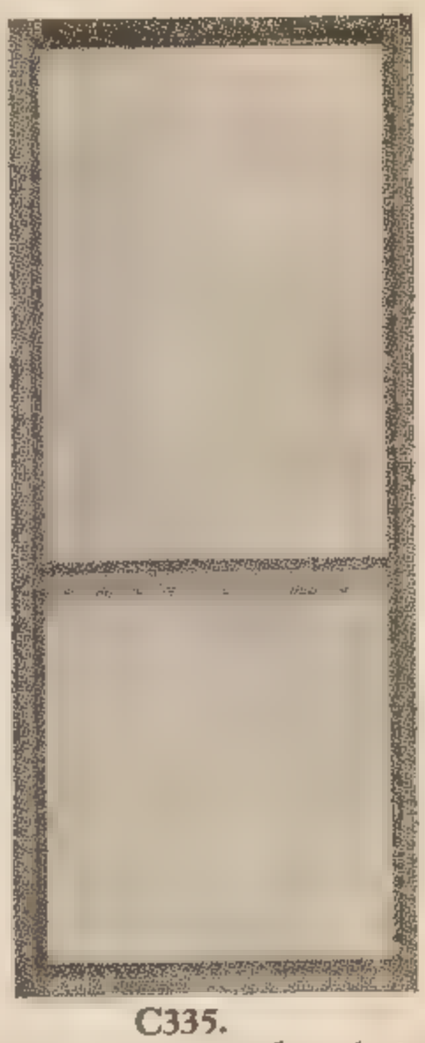


C332.
"ZINCOID" FLY WIRE
Best quality Fly Wire, the same as used on our Doors and Screens
18", 20", 22", 24", 26", 28", 30", 32", 34", 36", 42", 48" wide. Also 24", 30", 36", 42" in 26 and 28 gauge.
BRONZE FLY WIRE
Made of Phosphor Bronze Wire and withstands Sea Air
24", 28", 30", 36", 42", 48"



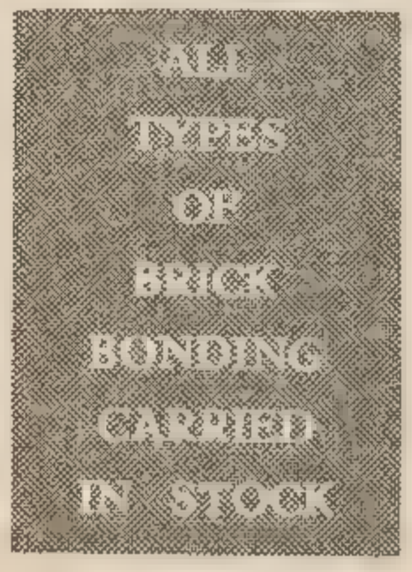
C333.
PERFORATED ZINC
In sheets 7 ft. and 8 ft. x 3 ft.
PLAIN SHEET ZINC
We carry full stocks of all gauges of Plain Zinc. Prices on application.
EXPANDED METAL
In sheets 9 ft. x 2 ft. and ⅜ in. mesh.
Japanned Black Finish.

C334.



C335.

The above illustrations show two most popular designs.
Send for our Complete Seasonal List of Fly Doors and Fittings.

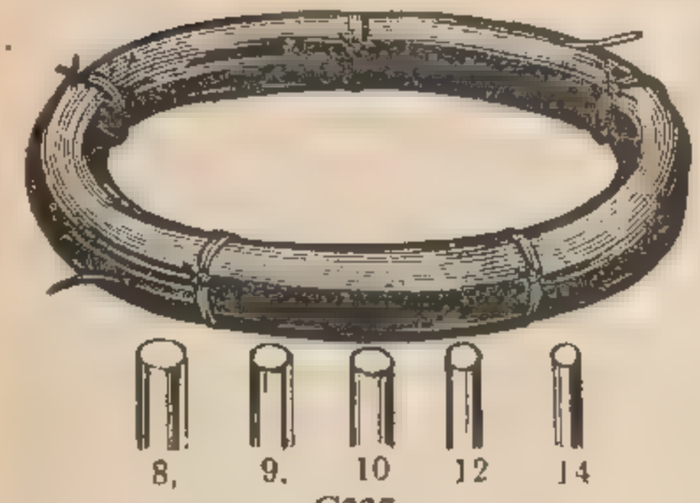


C336.
"BRICTOR"
THE BEST REINFORCEMENT FOR BRICKWORK
In rolls 150 ft. long. Galvanised in widths 1½", 2½".

GET OUR QUOTE FIRST — IT WILL PAY YOU

JOHN DANKS & SON PTY. LTD.
MELBOURNE AND SYDNEY

FENCING REQUIREMENTS



C337.

Our Fencing Wires are made from the best quality open hearth steel, being heavily galvanised and smoothly finished.

The following shows an approximate calculation of Fencing Wire in two popular sizes:—

Quantities of Wire required for each mile of fencing.

	One Wire cwt.	qrs.	lbs.	Two Wires cwt.	qrs.	lbs.
No. 8 Gauge ..	3	0	7	6	0	14
No. 10 Gauge ..	2	0	15	4	1	2

	Three Wires cwt.	qrs.	lbs.	Four Wires cwt.	qrs.	lbs.
No. 8 Gauge ..	9	0	12	12	1	1
No. 10 Gauge ..	6	1	19	8	2	0

FENCING WIRES

Approximate lengths of Plain Fencing Wires to one cwt:—

No.	8	9	10	11	12	13	14
	550	650	850	1040	1290	1650	2180 yards

ROUND HIGH TENSILE WIRE

Is a Galvanised Steel Wire, very tough, and much stronger than ordinary No. 8 Wire. Is only slightly more than half the weight of No. 8, as the cwt. coil runs nearly 1,500 yards. Besides being cheaper than No. 8 Wire for use, a saving of half the freight charge is gained.

BLACK FENCING WIRE

Nos. 8 and 10 are the only sizes stocked in Black Fencing Wires. Special Prices for all Fencing Wires sent on application.

TELEPHONE WIRES

We carry very large stocks of special Galvanised Wires for country telephone installations. Send for particulars and prices.

BALING WIRE

14 Gauge, Black Varnished. Prices on application.

BARBED WIRE

C338.

Extra high quality, that satisfies the demand for well constructed, long lasting Barbed Wire. The price is considerably less than usually asked for ordinary grades. Tough annealed wire, galvanised with a heavy coating of pure zinc, long sharp four-pointed rust-resisting round barbs.

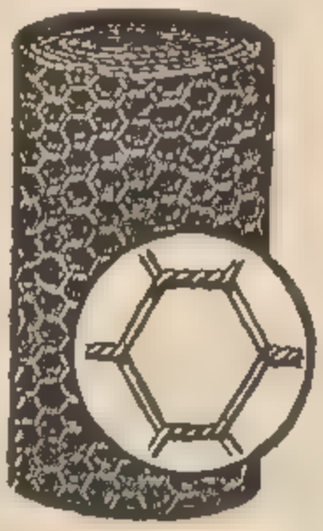
Iowa—

	Approx. lengths to cwt.
No. 12	400 yds.
No. 13	520 yds.
No. 14	700 yds.

Waukegan Pattern, 12½ gauge, 14 gauge, in 112 lb. coils.

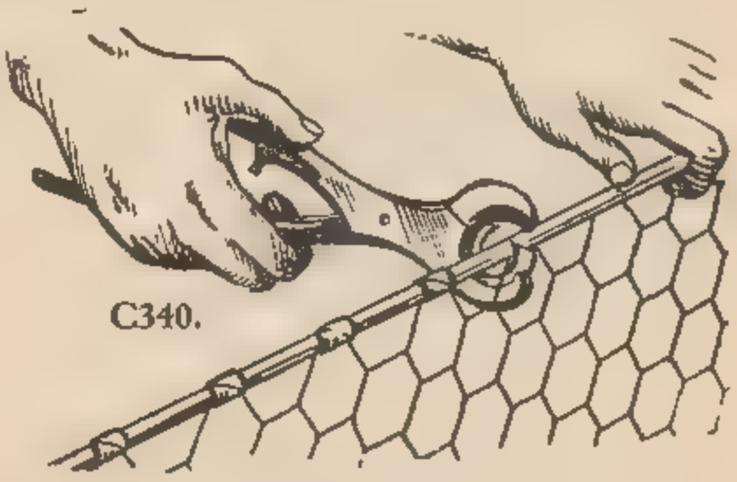
WIRE NETTING

C339.



Height in Inches		Size of Mesh		Wire Gauge
Rabbit Sizes—				
12	x	1½	x	17
18	x	1½	x	18
36	x	1½	x	18
42	x	1½	x	18
36	x	1½	x	17
42	x	1½	x	17
42	x	1¼	x	17
72	x	1½	x	18
Pig Sizes—				
24	x	4	x	16
30	x	4	x	16
36	x	4	x	16
30	x	3	x	16
36	x	3	x	16

Height in Inches		Size of Mesh		Wire Gauge
Poultry Sizes—				
24	x	2	x	19
30	x	2	x	19
36	x	2	x	19
48	x	2	x	19
72	x	2	x	19
Bird Sizes—				
24	x	½	x	22
30	x	½	x	22
36	x	½	x	22
24	x	¾	x	20
30	x	¾	x	20
36	x	¾	x	20
24	x	1	x	20
30	x	1	x	20
36	x	1	x	20



C340.

WIRE NETTING FASTENERS

(Galvanised)

To Fasten Wire Netting to Fencing as illustrated. Very quickly and easily fixed. Supplied in gross packets.

IRON FENCING POSTS (Fireproof)

Each post is bored to the following spacings:—5, 6, 5, 6, 8, 6, 6 inches; also an open slot on the top to permit a barbed wire being run in, with a tying hole immediately under, which could be used for a plain wire if desired.

Depth in Ground

There is an extra hole 6 inches below the usual bottom wire hole. This can be used for a good line wire for sheep netting or as a guide when driving post, to ensure correct depth in ground. The manner in which these posts are bored allows the erection of almost any type of fence and will enable the use of either 30, 36, or 42 inch wire netting, also barbed wire.

The best method to adopt in erecting a fence with iron posts is to use the wooden strainer in conjunction.

With every 250 posts supplied there is a driving cap given free. These caps prevent the tops of the posts becoming burred or damaged during hard driving. The handle of this driving cap makes it impossible for the post to get out of alignment during driving.

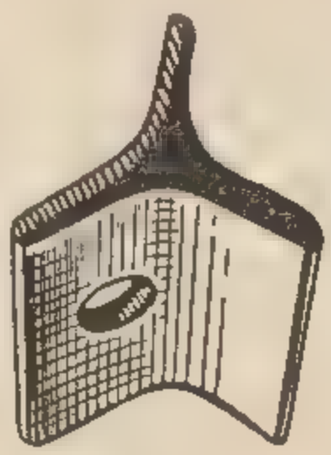
Length .	5½	6 feet
Weight per 10 posts	72	78 lbs.

Black Varnished.

C341.

IRON FENCING POSTS

Easy to Handle and Erect.



Section of Post showing hole for wire.

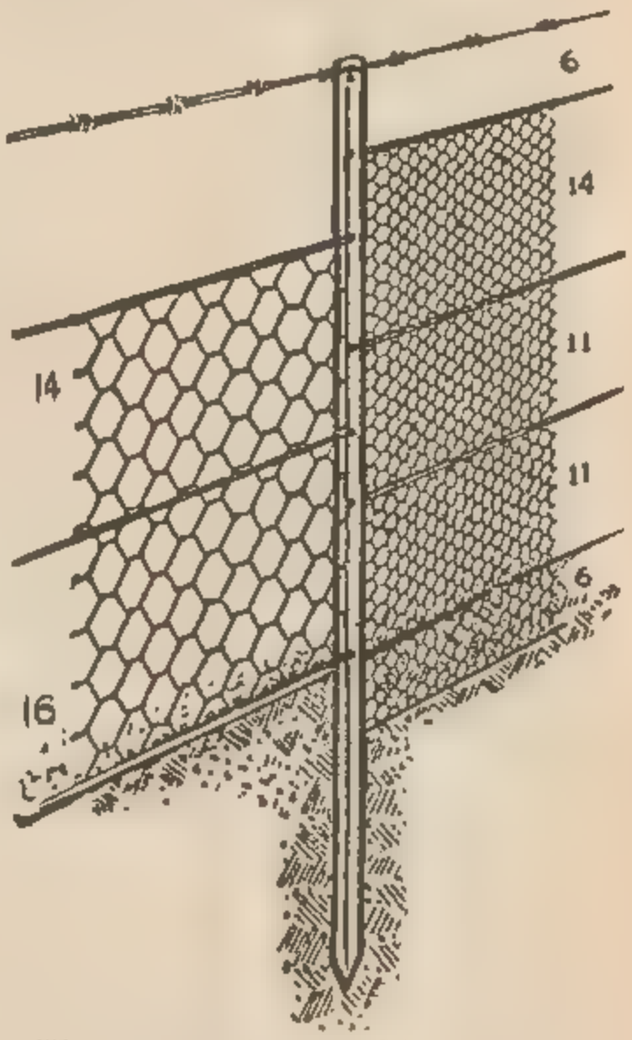
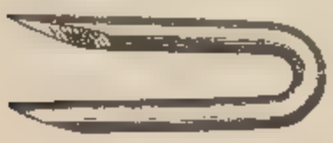


Illustration showing Two Popular Types of Fences.



C342.

STAPLES

FOR WIRE NETTING
⅜", ½", ⅝", ¾" Galvanised.
FOR FENCING WIRE
1", 1¼", 1½" Galvanised.

C343.

DROPPER STAPLES

(Galvanised)

FOR USE ON WOODEN DROPPERS
2¼" long.

WE SPECIALIZE IN COUNTRY ORDERS

"SEBCO" Expansion Devices

C344.

★ DRYVIN

The DRYVIN is an Expansion Shield you hammer home. In drilling, the hole of the fixture is used as a template, thus eliminating all spotting or use of special templates. The DRYVIN is dropped in through the hole of the fixture, and then with a few blows of the hammer the nail is driven home. No laborious work with a screwdriver or wrench, no wood plugs, screws, or bolts required. Just hit the nail with a hammer.

Size Diameter Length of Shield not the nail	Outside Diameter and Drill Required	Working Load, Pounds	Quantity in Standard Package	Quantity in Standard Shipping Carton	Shipping Weight Per 100
7/8" × 3/16" - -	3/16"	130	100	1000	1.2 lbs.
1¼" × 3/16" - -	3/16"	150	100	1000	1.6 lbs.
1" × ¼" -	¼"	200	100	1000	2¼ lbs.
1¼" × ¼" -	¼"	300	100	1000	2¾ lbs.
1½" × ¼" -	¼"	350	100	1000	3½ lbs.
2¼" × 5/16"	5/16"	500	100	500	6¼ lbs.
2¾" × 5/16" -	5/16"	500	100	500	8 lbs.
2" × ⅜"	⅜"	700	100	500	10½ lbs.
3¼" × ⅜"	⅜"	700	50	250	13½ lbs.
2¼" × ½" -	½"	1200	50	250	18 lbs.
3½" × ½" -	½"	1200	50	250	25 lbs.

Use the same diameter drill as the Dryvin

C346.

★ LOXIN

A LOXIN Shield will never yield. Carries greater loads, easier to install, securer than most other methods. No grouting of bolts, drilling requirements cut in half, no lead or cement required, no waiting for material to set. When properly installed the LOXIN will develop the strength of machine bolts used. It can be inserted in either a loose or tight hole. In the case of a tight hole the shield can be tapped into place with a hammer. Under this condition it gives the best results.

Diam. of Bolt with which Shield is Used	Length of Shield	Outside Diam. and Drill Required	Quantity in Standard Package	Quantity in Standard Shipping Carton	Shipping Weight Per 100
[illegible]	1¼"	[illegible]	100	1000	3[illegible] lbs.
5/16"	[illegible]	[illegible]	100	[illegible]	8 lbs.
[illegible]	2"	[illegible]	100	[illegible]	8 lbs.
[illegible]	2¼"	[illegible]	[illegible]	250	18 lbs.
[illegible]	3"	1"	25	125	26 lbs.
[illegible]	3½"	1⅛"	25	125	37 lbs.

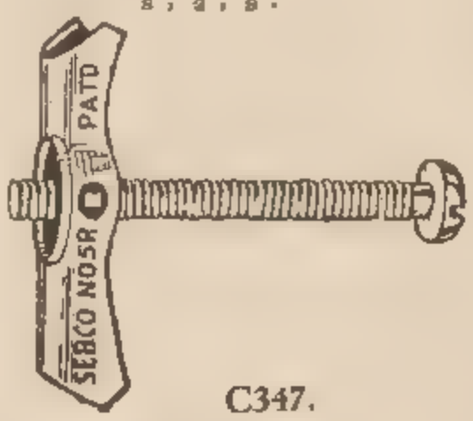
For Making Attachments to Brick, Stone or Hollow Walls.

"SEBCO" DRILL POINTS AND HAND CHUCKS

"SEBCO" Drill Points are made of special steel-alloy scientifically heat-treated to stand hard use in masonry drilling.

TWIST TYPE.

Sizes: 3/16", ¼", 5/16", ⅜", ½", ⅝".

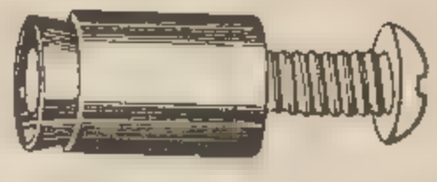


C347.

TOGGLE BOLT (Complete)

Size Drill Required	Number Pieces in a Box
⅜"	100
⅜"	100
½"	100
½"	100
½"	100
⅝"	100
⅝"	100
⅝"	100
⅝"	50

Diam. and Length of Screw
⅛" × 3"
⅛" × 4"
3/16" × 3"
3/16" × 4"
3/16" × 6"
¼" × 3"
¼" × 4"
¼" × 6"
⅜" × 6"

C345. 

★ TAMPIN

For use with machine screws or bolts. Unequalled where shallow hole for installation is necessary and and where work has to be dismantled from time to time. TAMPINS are unequalled for electrical and sanitary installations and all similar attachments to concrete, brick or stone. The Wedge Nut is threaded for standard machine bolts and screws. All sizes have two fins on the conical nut, which prevents the nut from turning in the lead. The special TAMPIN alloy lead sleeve will enter all irregularities of the masonry hole and will not yield under a heavy load.

Size of Bolt or Screw with which Shield is Used	Dimensions of Minimum Holes Required: Diam.	Dimensions of Minimum Holes Required: *Depth	Quantity in Standard Package	Quantity in Standard Shipping Carton	Shipping Weight Per 100 (Inc. Tool)
3/16" - - -	⅜"	⅝"	100	1000	2 lbs.
¼" - - - -	½"	⅞"	50	500	5 lbs.
⅜" - - - -	¾"	1½"	50	250	14 lbs.
½" - - - -	⅞"	1½"	50	250	19 lbs.
⅝" - - - -	1"	2"	50	250	24 lbs.

TOGGLE BOLTS

An ideal fastening for lath-pressed boards, hollow metal, and plaster, hollow tile, terra cotta or sheet metal. Channel construction permits toggle head to fold closely over bolt and pass through a small hole. Toggle head set off centre to fall quickly into place. "Sebco" Toggles bear on extreme ends, avoiding breaking of brittle material.

C348.

★ SCRUIN

This is a new design anchor which gives greater holding power; requiring a smaller installation hole for the corresponding size screw. It takes more sizes of screws grouped in a more convenient series than other designs. It also has a larger range of holding power through various sizes of hole diameters. The holding power in average conditions of masonry is higher in the short length for No. 8 and 14 sizes, but in the case of a plaster wall or other soft-surfaced masonry we recommend the use of the long length.

*NOTE.—A deeper hole should be used in making attachments to soft masonry.

Screw Size and Length of Anchor	Fractional Screw Size	Outside Diam. and Drill Required	Quantity in Standard Package	Quantity in Standard Shipping Carton	Shipping Weight Per 100
¾" × 6-8 - - - -	⅛"-3/16"	¼"	100	1000	1⅜ lbs.
1½" × 6-8 - - - -	⅛"-3/16"	¼"	100	1000	2¼ lbs.
1" × 10-12-14 - -	3/16"-¼"	5/16"	100	1000	2½ lbs.
1½" × 10-12-14 - -	3/16"-¼"	5/16"	100	1000	3½ lbs.
1½" × 16-18 - -	5/16"	⅜"	50	500	5 lbs.
1¾" × 20-22-24 - -	⅜"	7/16"	50	500	8 lbs.

JOHN DANKS & SON PTY. LTD.

MELBOURNE AND SYDNEY

"DASPYL" Die Pressed and Turned Brass Fittings

For Petrol - Oil - Refrigerators, Etc.

X1.

TYPE 60F
Sleeve

Tube
1/8"
5/32"
3/16"
1/4"
5/16"
3/8"
7/16"
1/2"

X2.

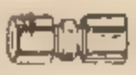
TYPE 61F
Nut

Tube
1/8"
3/16"
1/4"
5/16"
3/8"
7/16"
1/2"

X3.

TYPE 68F
Single Union

Gas Tube
1/8" x 1/8"
1/8" x 3/16"
1/8" x 1/4"
1/8" x 5/16"
1/4" x 3/8"
1/4" x 7/16"
3/8" x 1/2"
1/4" x 1/4"
1/4" x 5/16"
1/2" x 3/8"



X4.

TYPE 62F
Double Union

Tube
1/8" x 1/8"
3/16" x 3/16"
1/4" x 1/4"
5/16" x 5/16"
3/8" x 3/8"
1/2" x 1/2"
1/4" x 5/16"

X5.

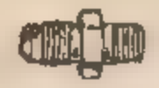
TYPE 69F
Elbow

Gas Tube
1/8" x 1/8"
1/8" x 3/16"
1/8" x 1/4"
1/8" x 5/16"
1/4" x 3/8"
3/8" x 1/2"
1/4" x 5/16"
1/2" x 3/8"

X6.

TYPE 41F
SAE Nut

Tube
1/8"
3/16"
1/4"
5/16"
3/8"
7/16"
1/2"



X7.

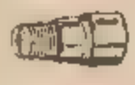
TYPE 48F
SAE Union

Gas Tube
1/8" x 1/8"
1/8" x 3/16"
1/8" x 1/4"
1/8" x 5/16"
1/4" x 5/16"
1/4" x 3/8"
1/4" x 7/16"
3/8" x 1/2"

X8.

TYPE 49F
Elbow

Gas Tube
1/8" x 3/16"
1/8" x 1/4"
[illegible]
[illegible]
1/4" x 3/8"
1/8" x 1/2"
1/4" x 7/16"
3/8" x 1/2"



X9.

TYPE 63F
Check Valve

Gas Tube
1/8" x 3/16"
1/8" x 1/4"
1/8" x 5/16"
1/4" x 3/8"
3/8" x 1/2"

X10.

TYPE 66F
Female Union

Gas Tube
1/8" x 1/8"
1/8" x 3/16"
1/8" x 1/4"
1/8" x 5/16"
1/4" x 3/8"

X11.

TYPE 65F
Double Elbow

Tube
3/16"
1/4"
5/16"
3/8"

X12.

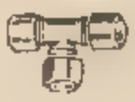
TYPE 72F
Two-way Tee

Gas Tube
1/8" x 3/16"
1/8" x 1/4"
1/8" x 5/16"
1/4" x 3/8"

X13.

TYPE 71F
Vertical Tee

Gas Tube
1/8" x 1/4"
1/4" x 5/16"
1/4" x 3/8"



X14.

TYPE 64F
Three-way Tee

Tube
3/16"
1/4"
5/16"
3/8"

X15.

TYPE 70F
Female Elbow

Gas Tube
1/8" x 1/4"
1/8" x 5/16"
1/4" x 3/8"

X16.

TYPE 46F
Female SAE Union

Gas Tube
1/8" x 1/4"
1/8" x 5/16"
1/4" x 3/8"

X17.

TYPE 50F
Female SAE Elbow

Gas Tube
1/8" x 1/4"
1/8" x 5/16"
1/4" x 3/8"

X18.

TYPE 42F
SAE Double Union

Tube
3/16" x 3/16
1/4" x 1/4"
5/16" x 5/16
3/8" x 3/8"
1/4" x 1/4"
1/4" x 5/16"
5/16" x 3/8"

X19.

TYPE 55F
SAE Double Elbow

Tube
1/4"
5/16"
3/8"

X20.

TYPE 44F
SAE Three-way Tee

Tube
3/16"
1/4"
5/16"
3/8"
7/16"

X21.

TYPE 45F
SAE 1/8 Gas Tee

Gas Tube
1/8" x 3/16"
1/8" x 1/4"
1/8" x 5/16"
1/4" x 3/8"

X22.

Dole Pat. Nut

Tube
1/8"
3/16"
1/4"
5/16"
3/8"

X23.

Dole Pat. Body

Gas Tube
1/8" x 1/8"
1/8" x 3/16"
1/8" x 1/4"
1/8" x 5/16"
1/4" x 3/8"

X24.

Dole Pat. Elbow

Gas Tube
1/8" x 1/8"
1/8" x 3/16"
1/8" x 1/4"
1/8" x 5/16"
1/4" x 3/8"

X25.

Red. Bush

Gas
1/4" to 1/8"

X26.

M. & F. Elbow

Gas
1/8" x 1/8"

X27.

Socket

Gas
1/8"
1/4"

X28.

Nipple

Gas
1/8"
1/4"

X29.

Long Nipple

Gas
1/8" x 1 1/2"
1/8" x 2"

X30.

Red. Socket

Gas
1/4" to 1/8"
3/8" to 1/4"

X31.

Drain Cock

Gas
1/8"
1/4"

X32.

Priming Cup

Gas
1/8"

Please Order by Number, Description and Size

Windshield Cleaner Fittings

X33.

Gas
1/8" x 1/8"

X34.

TYPE 76F
1/8" x 1/8" Gas x 3/16" Tube

X35.

1/8" Gas x 1/4" Tube
1/8" Gas x 5/16" Tube

DANKS SPECIALIZE IN PETROL UNIONS AND CONNECTIONS

Motor Accessories

Apart from the Lines illustrated, we carry a very comprehensive range of Motor Accessories, as follows:—

Air Compressors, and all fittings and connections for same.
Battery Clips, terminals, earth straps, etc.
Beading (Aluminium), half-round and angle; plain and fluted.
Bendix Springs, screws and washers, etc.
Belts (Fan): V and Flat type; Bonnet Lacing.
Brushes for wire wheels, engine and chassis cleaning.
Brake Fluid, Brake Lining, drill and countersink, hollow rivet punch.
Caps for Petrol Tanks (plain and locking), Radiator Caps, etc.
Cans, 2 gal, for petrol; spare necks, caps and pourers for same.
Celluloid for Curtains: .015, .020 Sheets, 24" x 54".
Chamois Leathers, Basil or Goat Skin, 21" x 20", 23" x 22", 24" x 23", 26" x 25".
Cloth (Cleaning), 28 lb. Cartons.
Stockingette: Roll about 20 yds., or small Motorist's Pkge., Soft Polishing Cloth, 18".
Coils, Electric, 6v. or 12v., and condensers for same.
Control Cables: Choke, wire and casing.
Choke Lever, for dashboard.
Cork Packing Sheets: 36" x 12" x 1/16", 36" x 12" x 3/32", 36" x 12" x 1/8", 36" x 24" x 1/16", 36" x 24" x 3/32", 36" x 24" x 1/8", 36" x 24" x 3/16, 36" x 24" x 1/4".
Cotter Pins: Steel Split Pins, Motor sizes, from ½" x 1/16" to 2½" x ¼"; also in tins of 100 assorted.
Clevis Pins: Sizes to suit all Cars.
Cut-outs, Electric, 6v. and 12v.
Door Anti-Rattlers.
Electrical Parts: Distributor Points, Covers, Rotors, etc., Carbon Brushes.
Fasteners for Cushions: Turn Buttons, Dot Fasteners, etc.
Files, Magneto; **Flex Stones,** for Contacts.
Fuses for Electrical Systems.
Funnels for Petrol and Oil, Round or Square with Straight or Angle Spouts —Plain or Non-Splash Types.

SOLDER TYPE UNIONS

Nut
X36.

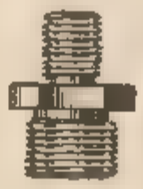
Tube
1/8"
3/16"
1/4"
5/16"
3/8"
1/2"

Tail
X37.

Tube
1/8"
3/16"
1/4"
5/16"
3/8"
1/2"

5/16" TAIL FOR 1/4" TUBE

Single Body
X38.



Tube
5/16" x 26 x 1/8"

Gas Tube
1/8" x 3/16"
1/8" x 1/4"
1/4" x 1/4"
1/8" x 5/16"
1/4" x 5/16"
1/8" x 3/8"
1/4" x 3/8"
3/8" x 3/8"
3/8" x 1/2"
1/2" x 1/2"

Double Body
X39.

Tube
5/16" x 26 - 5/16 x 26 1/8"

Gas Gas
1/8" x 1/8"
1/4" x 1/4"
3/8" x 3/8"
1/2" x 1/2"

3/16"
1/4" or 5/16"
3/8"
1/2"

Single Union
X40.

Gas Tube
1/8"
1/8" x 3/16"
1/8" x 1/4"
1/8" x 5/16"
1/4" x 3/8"
1/4" x 1/2"

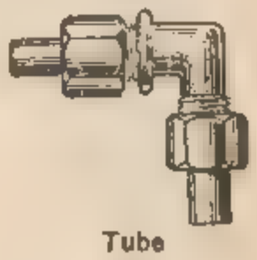
Double Union
SINGLE NUT
X41.

Tube
1/4"
5/16"
3/8"

Double Union
X42.

Tube
1/8"
5/16"
1/4"
5/16"
3/8"
1/2"

Elbow
X43.

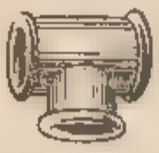


Tube
1/4"
5/16"
3/8"

Tee
X44.

Tube
1/8"
1/4"
5/16"
3/8"

X45.
Fem. Elbow
1/8"



X46.
Fem. Tee
GAS
1/8"

X47.
Ford Petrol Pipe Nut
TUBE
1/4"

INVERTED FLARED UNIONS

Suit Chrysler, De Soto, Plymouth, Dodge, Buick, etc.

Nut
X48.

Tube
3/16"
1/4"
5/16"
3/8"
1/2"

Single Body
X49.

Gas Tube
1/8" x 3/16"
1/8" x 1/4"
1/8" x 5/16"
1/4" x 3/8"
3/8" x 1/2"

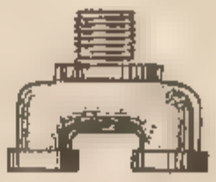
Double Body
X50.

Tube
3/16"
1/4"
5/16"

Elbow
X51.

Gas Tube
1/8" x 3/16"
1/8" x 1/4"
1/8" x 5/16"
1/4" x 3/8"
3/8" x 1/2"

M & F Tee
X52.



Gas
1/8"

Tank Flange & Lock Ring
X53.

Gas
1/8"
1/4"

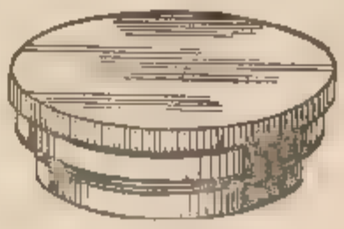
Tank Flange Plain
X54.

Gas
1/8"
1/4"

Brass Plug
X55.

1/8" Gas
1/4" ,,

Cap & Liner for Petrol Tank
X56.



1¼" Opening
1½" ,,
2" ,,

Flanged Cap and Liner for Petrol Tank
X57.
1½" Opening

DANKS FOR HIGH QUALITY MOTOR ACCESSORIES

NEEDLE VALVE PETROL TAPS

Angle

Compression Union

X58.
Gas Tube
1/8" x 1/4"
1/8" x 5/16"

Flared Union

X59.
Gas Tube
1/8" x 1/4"
1/8" x 5/16"

Straight

Compression Union

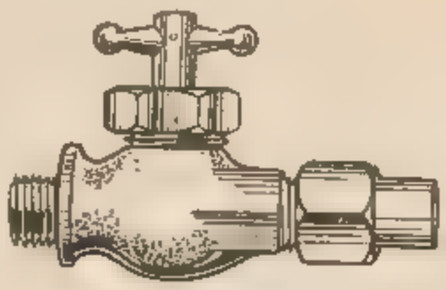
X60.
Gas Tube
1/8" x 1/4"
1/8" x 5/16"
1/4" x 5/16"

Flared Union

X61.
Gas Tube
1/8" x 1/4"
1/8" x 5/16"

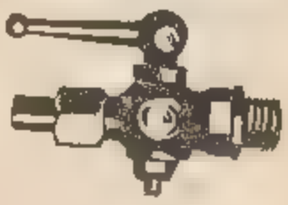
PETROL TAPS

X62.
(Full Way)
Gas Tube
1/4" x 3/8"
Or
3/8" x 3/8"
Double Ended

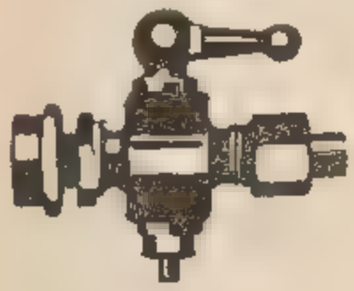


X64.
Brass Taps
For use on Cars and Motor Cycles.
Screwed 1/8" Gas.

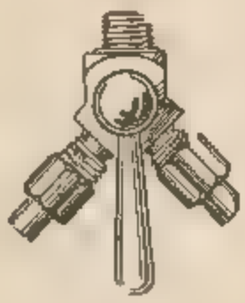
X63.
Double Ended Petrol Taps
Tube Sizes: 1/4", 5/16", 3/8".



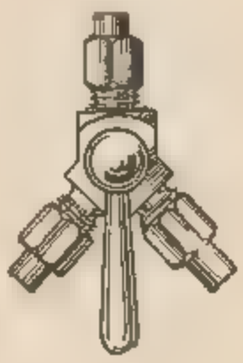
X65.
Petrol Taps
Tube: 5/16". Screwed 1/4" Gas.



X66.
With Collar
COMPLETE
Made from flat metal, allowing a longer plug to be used and giving a longer bearing.
Tube: 1/4". Screwed 1/4" Gas.



X67.
Two-Way Petrol Tap
CORK SEATED
For 1/4" or 5/16" Tube.



X68.
Three Way Petrol Tap
CORK SEATED
For 1/4" or 5/16" Tube.

"JD" QUALITY MOTOR PRODUCTS

Chassis Black (anti-corrosive)—Tins 1 pt., 1 qt., ½ gal., 1 gal., 4 gals.
Gasket Cement—2 oz. Bottle; Tins 2 ozs., 16 ozs., ½ gal., 1 gal.
Gasket Putty—4 oz. Tins.
Hood Dressing (waterproof), Black—½ pt., 1 pint.
Hood and Tyre Paint, Black—½ pt., 1 pt., 1 gal.
Liquid Radiator Seal—8 oz. Tin.
Radiator Cement Powder for tubular radiators—1½ oz. Tin.
Radiator Cleaner—1 pt.
"Slick" Auto. Polish—8 oz., 16 oz. Bottles.
Rust Nut—4 oz., 8 oz. Press Can, ½ gal. Tin.
"Value" Grinding Compound, 2 in 1 oil mixed—2 oz. Tin.
"Value" Grinding Compound, Medium or Coarse—1 oz. Tin.
Vulcanizer Outfits (5 minute), in Cartons.
Vulcanizer Patch and Heat Units—Tins of 6, 12, Packets of 144.

Motor Accessories

Gaskets (Copper-Asbestos): Round, oval, semi-finished, Cylinder Head, cork, etc.
Liquid Gasket: "Gasket Goo," in 3 oz. and 11 oz. tubes.
Gauges, Tyre: Kismet, plunger type, 50 lb. and 140 lb.
Gauze: Brass Wire, for oil or petrol, 18 to 120 mesh, rolls 24" wide.
Grease Guns, Hoses, etc., for all systems.
Grease Nipples, for Alemite and Zerk systems; straight or angle.
Goggles: For dust protection, Industrial work, welding, etc.
Grinding Compound, for valve grinding, lapping bearings.
Hose for Air: Tyre Pump, 3/16", Garage Air Line, 1/4", 5/16", 3/8", for Radiators 1" to 3", in 3' lengths; also moulded hoses for certain makes of cars.
Hydrometers: Eagle Battery Tester.
Insulation Tape, in 2 oz., 4 oz. and 8 oz. rolls.
Indicators: Mudguard, Fendicators, screw or clamp-on types.
Joints: Ball Joirts for Controls.
Keys: Woodruff 3/8" x 1/16" to 1 1/2" x 3/8"; also in assorted boxes.
Measures for Oil and Petrol: ½ pt., 1 pt., 1 qt., ½ gal., 1 gal., 2 gal., 4 gal.
Motor Products: "JD" Quality, as enumerated.
Motor Grease.
Nuts: Nickel-plated, Dome, 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8", Whitworth.
Oil Cans: Wesco Force Feed 1/3 pint; ½ pint, 1 pint.
Oil Filters: "Colem," for all makes of cars.
Oil Syringes: Small, 8"; medium, 12"; large, 18".
Packing: Sump 1/64", 1/32", 1/16"; rolls 36" wide.
Petrol Filters: Visible Bowl type.
Phosphor Bronze Bushing, Metal, Solid and Cored, 3/8" to 5" dia. x 12" long.
Piston Rings for all Cars and Engines, Std. and O/Size.
Petrol Pump Repair Kit, diaphragms and fittings.
Pullers: Gear and Sprocket Pullers, small and large.

Radiator Faucet with automatic shut-off valve for filling radiators.

Rivets—Aluminium, Pan Head, Brass, Tubular, etc.

Rubber — Molded Shackles, Bushes, Hoses, etc.

Screws—N.P. Stove Screws and Nuts, S.A.E. Metal Thread Screws and Nuts. S.A.E. N.P. Screws and Nuts. Assorted ½ gross packets.

Shim Brass—6 ins. wide x .001 in., .0015 in., .002 in., .003 in., .004 in., .005 in., .006 in., .008 in., .010 in., .012 in., .015 in.

Shim Steel—6 ins. wide x .002 in., .003 in., .004 in., .005 in., .006 in., .008 in., .010 in., .015 in.

Assorted sized packets, Brass. Assorted Tins, Steel or Brass.

Shock Absorbers and Knee Action Fluid, various grades to suit all makes of Shock Absorbers.

Solder—Silver, in Wire or Strip. Resin or Acid Cored in 1 lb. reels or small pkts.

Sponges—Auto., Turkey, Honeycomb, No. 2 Medium.

Springs—Coil, Tension and Expansion, Brake, Accelerator, etc. Also in assorted boxes.

Switches — Tail-light, Toggle, Push-pull, Rotary, Dimmer, Starter (foot).

Taper Pins from No. 7/0 x ¾ in. to No. 10 x 6 ins. Also in assorted boxes.

Taps—Petrol. Enots' concentric, cork seated, push-pull type. ⅛ in. gas, ¼ in. gas, and double ended for 3/16 in., ¼ in., 5/16 in., ⅜ in. copper tube.

Terminals — for Plugs, Distributors, Coil, Earth Leads, Battery or Lighting Wires.

Tool Rolls—canvas, 12 divisions.

Tow Ropes—1 in. and 1¼ in. circumference Steel Wire Rope, 20 ft.

Tyre Levers—14 in. and 18 in.

Valves—Schrader Cores and Caps.

Valve Lifters—Types to suit old and modern cars.

Valve Seat Cutters and Pilots.

Valve Grinders—Suction type, rubber cups, small, medium and large.

Washers—Bright Steel, Spring (flat and sq. section), Double Spring, Steel (nickel plated), Spacing, Mudguard Repair Washers, Fibre, Star Lock. Spring Washers and Fibre Washers in assorted tins.

COMPRESSED AIR EQUIPMENT
GARAGE AIR HOSE UNIONS

X70.

Compo. Seat. Quick Detachable Coupling.

⅛" gas for 3/16" hose
⅛" gas for ¼" hose
⅛" gas for ⅜" hose
⅛" gas for ½" hose

¼" gas for 3/16" hose
¼" gas for ¼" hose
¼" gas for ⅜" hose
¼" gas for ½" hose

Spare Seats Obtainable.

AIR HOSE STEMS

X71.

⅛" gas x 3/16" hose
⅛" gas x ¼" hose
¼" gas x 3/16" hose
¼" gas x ¼" hose
¼" gas x 5/16" hose

¼" gas x ⅜" hose
¼" gas x ½" hose
⅜" gas x ¼" hose
⅜" gas x 5/16" hose
⅜" gas x ⅜" hose

⅜" gas x ½" hose
½" gas x ¼" hose
½" gas x 5/16" hose
½" gas x ⅜" hose
½" gas x ½" hose

AIR SAFETY VALVES

X72.

Small Type Adj., 120 lbs.
Screwed ¼", ⅜", ½" Gas.

Also Large Type, 150-400 lbs.
Compo. Disc. Seat.

X73.

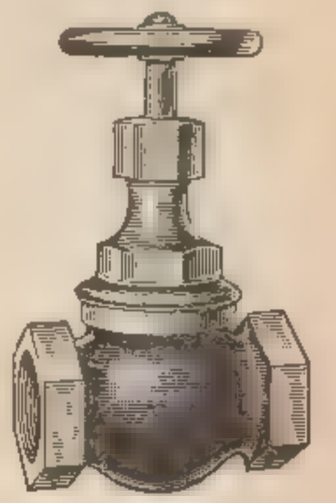
AIR CHUCKS
(Automatic)

¼", 5/16" and ⅜" Hose. ¼" Gas Fem. Straight Type ¼" Gas.
Spare Washers Obtainable.

STOP VALVES

X75.

With special seats for air.
Sizes: ¼", ⅜", ½", ¾" Gas.

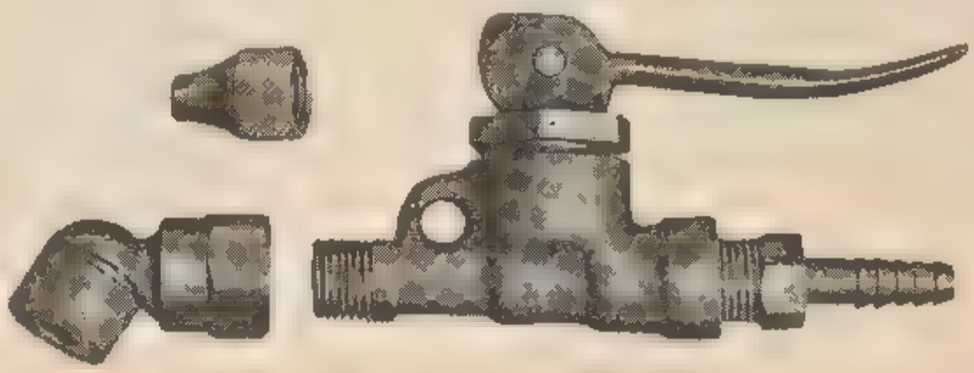


AIR CHECK VALVES

X74.

With Compo. Disc Valve and Guide.

Opens and closes only when there is a definite change in direction of air flow. Stops air blowing back from receiver, fitted with long guide and piston, forming air cushion to stop hammering of seat.
¼" Gas, ⅜" Gas, ½" Gas, ¾" Gas. Spare Seats: ¼", ⅜", ½", ¾" Gas.

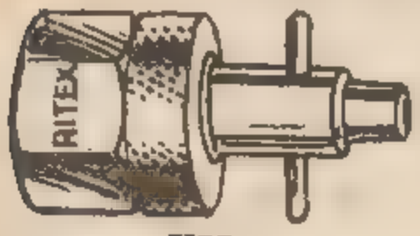


AIR BLOW GUNS

X76.

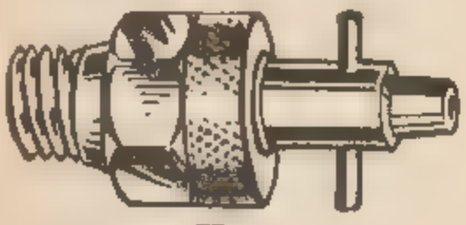
Blow Gun with hose stem for 5/16", ¼", ⅜" and ½" Hose.
Blow Gun, fitted with air chuck, with hand control, for 5/16", ¼", ⅜" and ½" Hose.

AIR CHUCK COUPLINGS



X77.
Female Plug
⅜" and ¼" Gas.

X78.
Female Body
⅜" and ¼" Gas



X79.
Male Plug
⅜" and ¼" Gas.

X80.
Male Body
¼" Gas only.

Quick coupling of all air tools to the hose line. Positively no leaks. Air cannot leak through beside pin because air does not touch the pin in its passage through the coupler.

STRONG RELIABLE JACKS

X81.
Twin-Screw

Ball Bearing—

Height	Lift	Capacity	Weight
6½"	9"	30 cwt.	6 lbs.

Plain—

6"	8"	30 cwt.	6 lbs.

Plain and Ball Bearing

X82.
Single-Screw

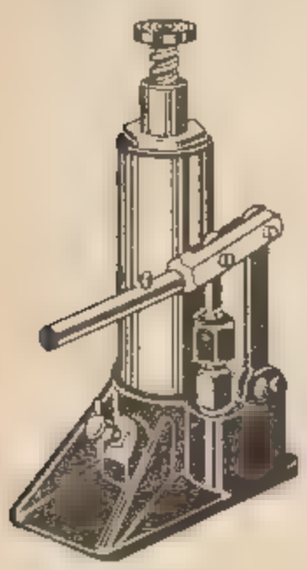
Ball Bearing—

Height	Lift	Capacity	Weight
9"	5½"	20 cwt.	6½ lbs.

Plain—

7¾"	4"	20 cwt	6 lbs.

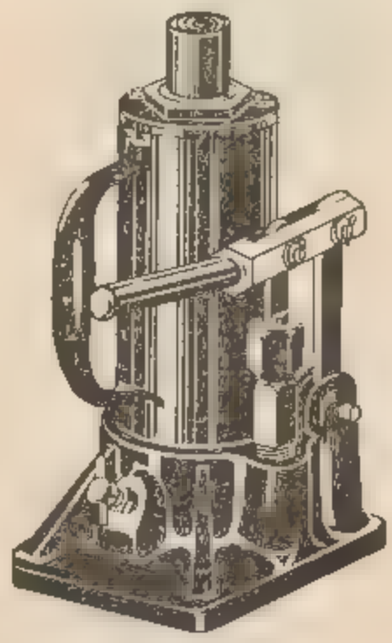
QUICK LIFT HYDRAULIC JACKS



X83.
2-Ton Jack

		Min.	Max.
Weight . .	8 lbs.		
Height of Jack		7"	16"
Hydraulic Lift		5"	
Extension Screw		4"	

2, 3, 5, 10 TON CAPACITY



X84.
5-Ton Jack

		Min.	Max.
Weight .. .	20 lbs.		
Height of Jack ..		9½"	16½"
Hydraulic Lift		7"	

Wheel Pullers—Hub and shock type.

Welding Rods and Fluxes.

Water—Distilled, in bottles only.

White Metal—Hoyts, six grades to suit all purposes. State requirements.

Wire—Electric cables for car lighting, ignition, starting, etc. 100 ft. spools and in bulk.

"J.D." GARAGE ASSORTMENTS

In Divided Steel Boxes.

Bolts and Nuts, Nuts, Setscrews—1 gross and ½ gross lots.

Cotter Pins—12 gross. Clevis Pins 168.

Lamp Sockets and Connections—7 doz.

Metal Thread Screws and Nuts, S.A.E.—8 gross.

Wood Screws—4½ gross.

Petrol Unions—74, 89, 125 pieces.

Pump Cup Washers—24.

Washers—Spring, 6½ gross; Plain, 4½ gross.

Rivets—Brass Tubular, 1400.

Self-Tapping Screws—256.

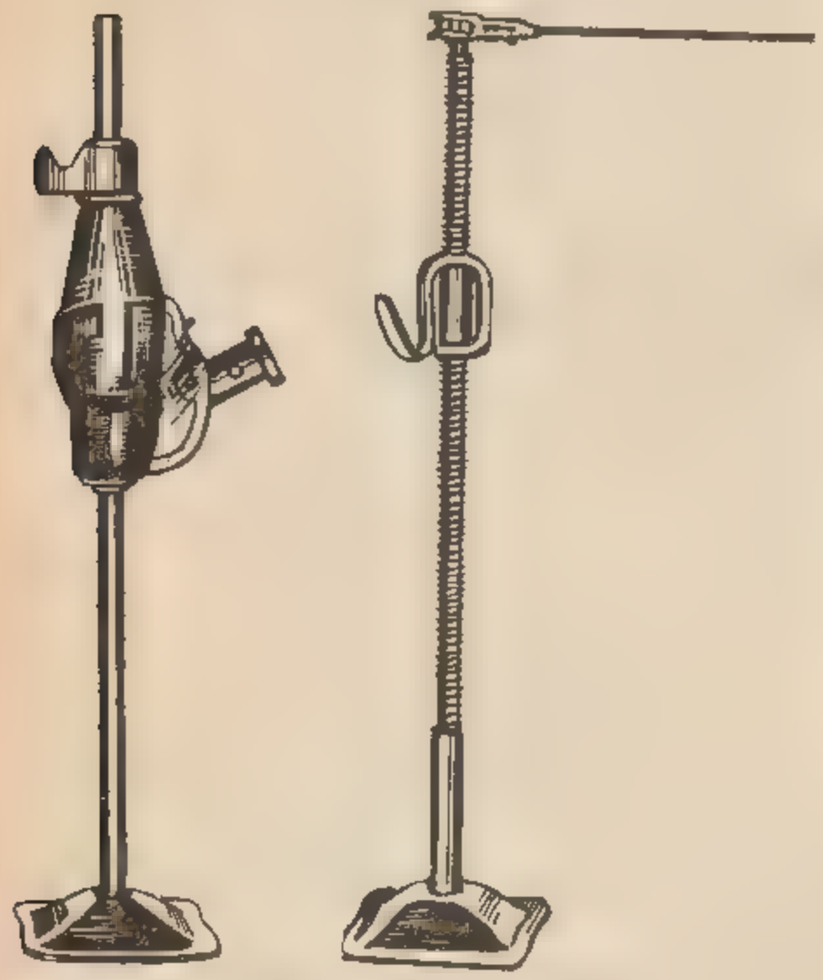
Terminals—Lighting and Ignition, etc., 264.

Bendix Screws and Washers—90 pieces.

Although we always endeavour to supply goods exactly as represented; if we should be out of stock we will send the nearest type or brand to fulfil the order, unless instructed otherwise. If goods have to be bought in we will endeavour to procure same and pass them on at the best price obtainable, and we trust they will be acceptable to our customers on these terms.

To avoid mistakes when ordering parts, please state exactly particulars regarding model and year of car, also any necessary measurements with sketch or complete description of part wanted, also showing location on car.

LIFTING JACKS (Continued)



X85. BUMPER BAR TYPE X86.

Measurements—	Overall Height	Low Lift	Raise	Full Height	Capacity
X85 ..	32½"	8¾"	23"	31¾"	2000 lbs.
X86	32½"	9"	20"	29"	1500 lbs.

Masse

BATTERIES

Made in Three Grades

each with a range of

6 Volt . . . . 7 to 21 Plates
12 Volt . . . . 9 to 18 Plates

A SIZE FOR EVERY CAR

X87.
The **Masse Supercol Battery** is guaranteed for 24,000 miles or 24 months.

X88.
The **Masse MA Type** is guaranteed 18,000 miles or 18 months.

X89.
The **Masse Crown Battery** is guaranteed 12,000 miles or 12 months.

BRIGHT STEEL BOLTS, NUTS AND SET SCREWS

X90.
Bright Steel Bolts and Nuts
Hexagon Head.
Whitworth, S.A.E. and B.S.F. Standard.

X91.
Bright Steel Hexagon Nuts
Whitworth, S.A.E. and B.S.F. Standard.

X92.
Bright Steel Castellated Nuts
All Sizes.

Bright Steel Set Screws
Small Head. Whitworth Thread.
Bright Steel Hexagon Set Screws
Whitworth, S.A.E. and B.S.F. Standard.

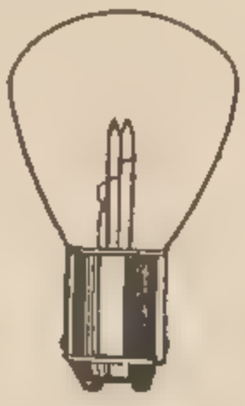
X93.
Spring Lock Washers

Flat or Square Section.
Superior Quality, ⅛" to 1".

HIGH GRADE AUTO. GLOBES

6 Volt or 12 Volt — S.C. or D.C. — Single or Double Filament.

X95. Flanged Type.



X96. Headlight.

X97. Stoplight.

X98. Tail Light.

X99. Pilot Light.

"REFORM" BRITISH DROP FORGED SPANNERS

Jaws Accurately Milled to Sizes.

Heads inclined 15 degrees.

X100.

S.A.E. Standard Milled Openings.

5/16" x 3/8", 3/8" x 7/16", 7/16" x ½", ½" x 9/16", 9/16" x ⅝", ⅝" x ¾", ¾" x ⅞", ⅞" x 15/16", 15/16" x 1", 15/16" x 1 1/16", 1 1/16" x 1¼", 1¼" x 1 7/16"

Specially Selected Steel. Heat Treated and Hardened.

DANKS FOR HIGH QUALITY MOTOR TOOLS

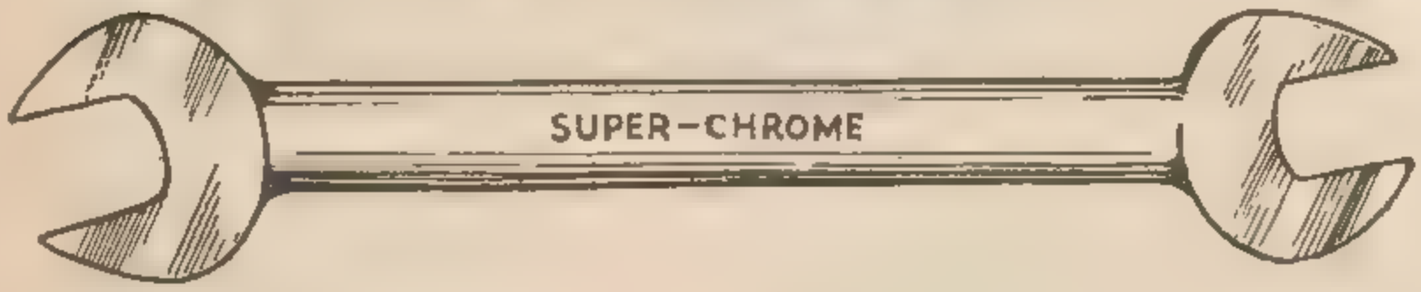
JOHN BANKS & SON PTY. LTD.

MELBOURNE AND SYDNEY

"REFORM" SUPER-CHROME VANADIUM D.E. SPANNERS

DROP FORGED OF SPECIAL ALLOY STEEL

Long — Thin — Unbreakable



Heads inclined 15 degrees.

X101.

S.A.E. STANDARD MILLED OPENINGS

5/16" x 3/8", 3/8" x 7/16", 7/16" x 1/2", 1/2" x 9/16", 9/16" x 5/8", 5/8" x 3/4", 3/4" x 7/8", 7/8" x 15/16", 15/16" x 1", 15/16" x 1 1/16", 1 1/16" x 1 1/4".

ADJUSTABLE EXPANDING REAMERS

X103.

Full Range, 1/4" to 3".

Spare Blades and Nuts Available.

CHANNEL TOP KIT

NO. 333 AND NO. 444

X105.

Available in "Keystone" or "Hercules."

Sockets made of case hardened, heat treated steel.

Eight socket sizes: 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 7/8", 15/16".

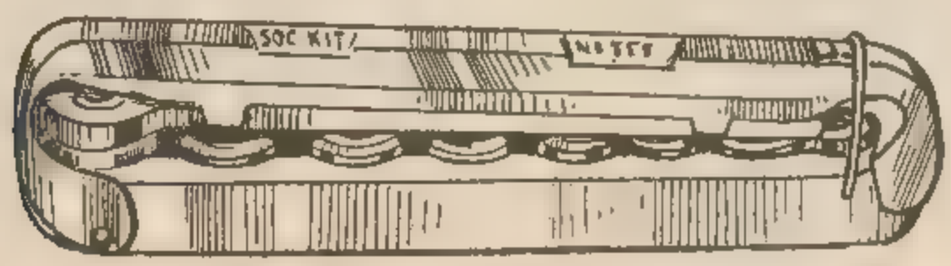
Handle 1/2" hexagon steel, 8" long, attaches to socket with spring and ball snap.

Channel top, rattle-free case of heavy gauge pressed steel, nickel plated and highly polished.

No. 444 is the same as No. 333, but with Whitworth sizes: 1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 9/16".

THE RATCHET KIT

NO. 555, S.A.E., AND NO. 555W., WHITWORTH



X106.

Available in "Keystone" or "Hercules."

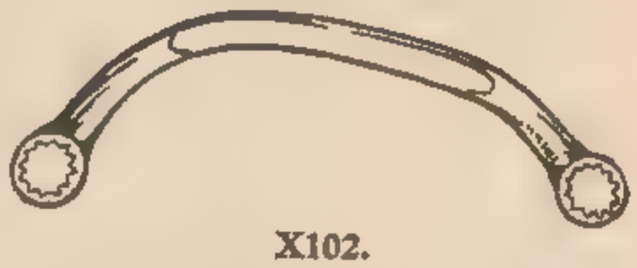
Sockets made of case hardened, heat treated steel.

Eight socket sizes: 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 7/8", 15/16".

Ratchet handle, 7" drop forged steel, heat treated pawl, 36° swing turns the nut.

Hexagon handle, 8" long, may be used with ratchet handle as long adapter.

Channel top case, nickel plated and highly polished.



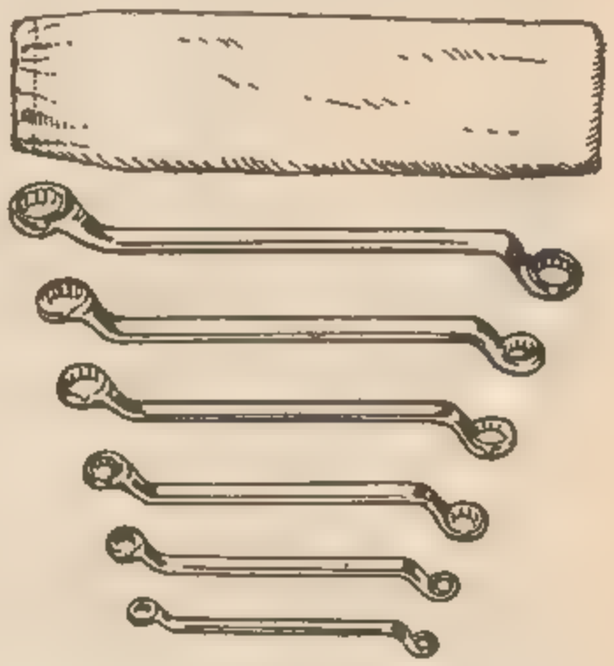
X102.

Wrench Size: 5/8" x 9/16".

LECTROLITE STARTER AND MANIFOLD WRENCH

LECTROLITE BOX WRENCHES

SOLD SINGLY OR IN SETS



X104.

CHROME VANADIUM DOUBLE END

Twelve Point Box Type Wrench.

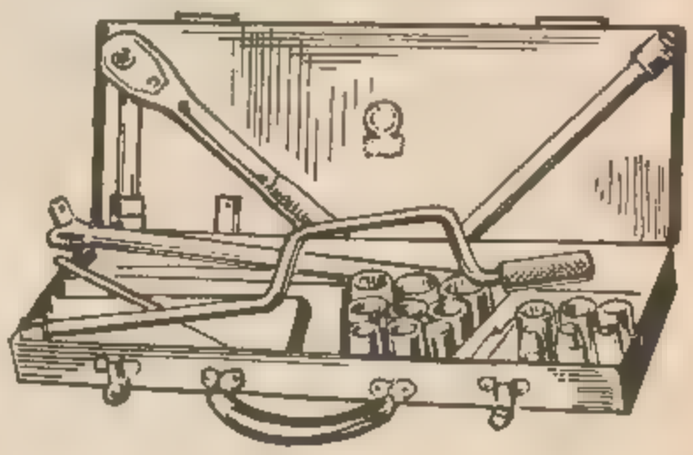
Full Set of 6 Wrenches.

Wrench Size: 3/8" x 7/16", 1/2" x 9/16", 5/8" x 11/16", 3/4" x 25/32", 13/16" x 7/8", 15/16" x 1".

Also in set of 5 omitting 13/16" x 1".

And in Whitworth and B.S.F. Sizes—Sets 1/8" to 11/16" Whitworth.

NEW BRITAIN OR BLACKHAWK SOCKET WRENCH SETS



X107.

Obtainable in the following sizes:—

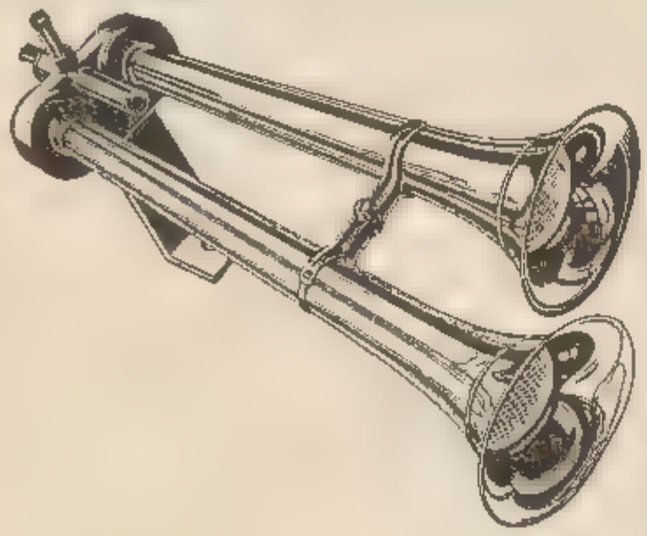
14, 25, 36 and 40 Pieces.

Any size made up to requirements.

WE STOCK EVERY REQUIREMENT FOR WASHING AND POLISHING CARS

SUPERETTE AIR VACUUM OPERATED WARNING SIGNALS

No tank, check valve or other accessories are required. The operation of these horns is 100% automatic. Installation is simple, any good mechanic will be able to install these horns in less than half an hour.



X108.
SUPERETTE, Sr.

Finish: Polished Lacquer. Dimensions: Length 14½", width 7⅞", height 4⅞".

X109.
SUPERTONE STRAIGHT SINGLE MODEL

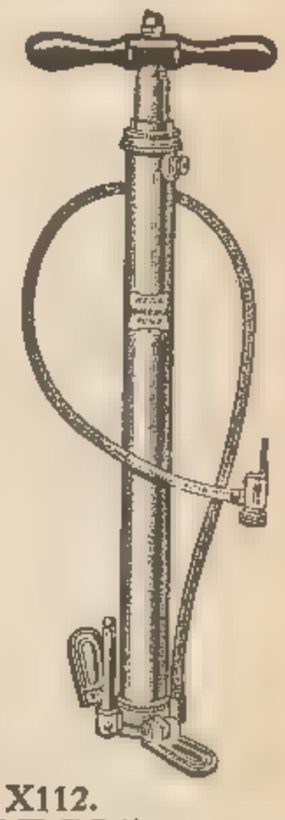
(For under hood installation.)
Finish: Polychrome Lacquer.
Dimensions: Length 18¼", diameter 5".
Equipped with universal bracket for installing the horn on radiator support rod of the car, manual control for operating horn from steering column, necessary hose and fittings.

SAL-AMBER High Quality MOTOR OIL

A pure oil obtainable in any grade for Internal Combustion Engines. Also in lower grades for industrial purposes.
Sal-Amber Oils are extensively used in Motor Car, Steam, Gas and Oil Engines, and for Factory and Agricultural Machinery.
Sal-Amber is stocked in the following grades:—"E" Light, "A" Medium, "AH" Medium Heavy, "BB" Heavy, "B" Extra Heavy.

Also Gear Oil . . . Cup, Pressure Gun, and Graphite Lubricants
Oil-Dag Colloidal Graphite

X111.
PUMP WASHERS
½" to 2".



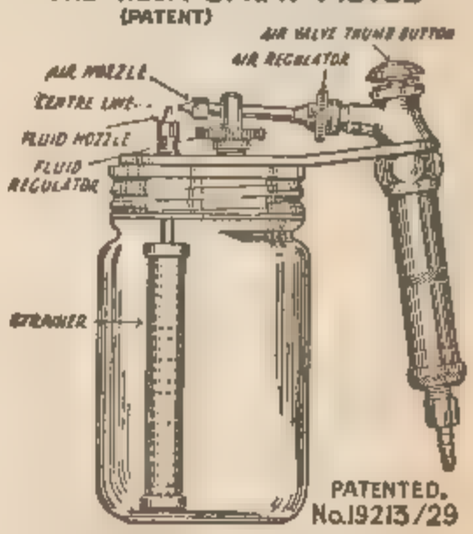
X112.
"REGA" QUADRUPLE PUMP
Delivers a large volume of air quickly at high pressure.

"Rega" Hand Power Spraying Outfit

X113.

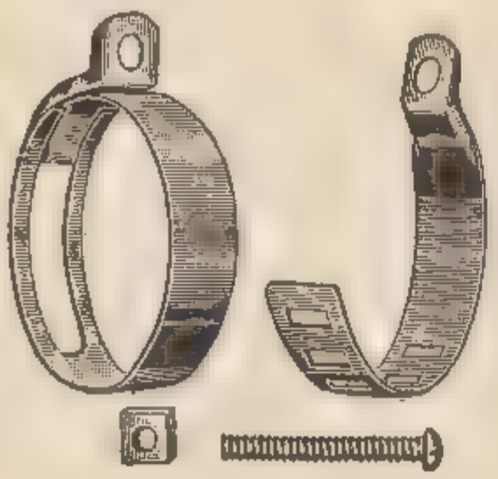
For applying all kinds of liquids to all kinds of surfaces. Easy to operate, very efficient.

THE "REGA" SPRAY PISTOL (PATENT)



Also Fantail Type for Air Pressure. Pistol Capacity, ½ pint.

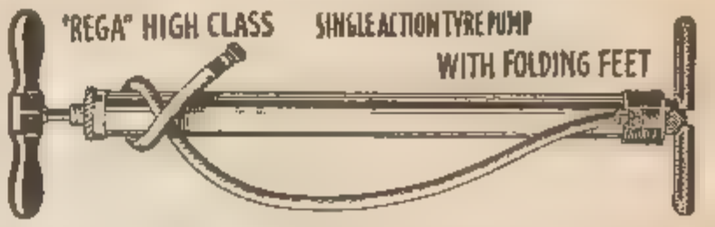
Assembled.

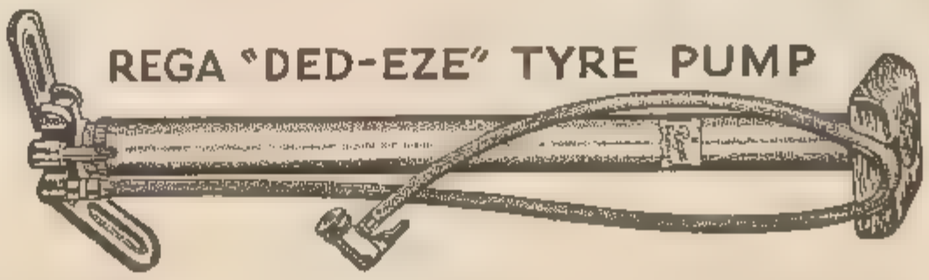


Apart.

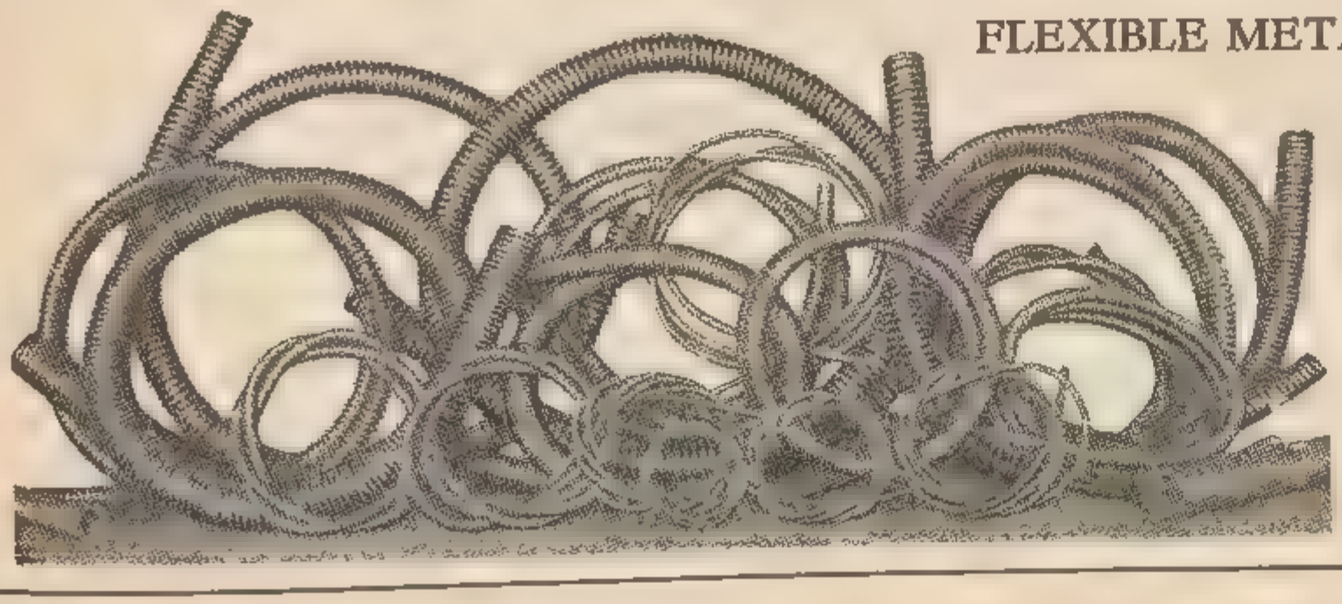
HOSE CLAMPS
X110.
Sizes: 1" to 4½".

"REGA" HIGH CLASS
X114.
Very popular. Compact for small tool boxes. Brass Cylinder, 20" x 1¼".





"DED-EZE" PUMP
X115.
(Double Acting)
Simple, Durable, Efficient and Light in Weight.



FLEXIBLE METAL TUBING FOR ALL PURPOSES
X116.

Asbestos-Packed Exhaust Flexible Tubing. Unpacked Flexible Tubing for Conduit, etc. Braided Flexible Tubing for Oil and Petrol Pipes, etc. Grease Gun Flex. Flexible Conduit (Brass, Nickel Plated). Vacuum Cleaner Suction Tubing (Black and White Cotton Braided).

PLEASE WRITE TO US FOR ANY ACCESSORIES NOT LISTED IN THIS SECTION

JOHN DANKS & SON PTY. LTD.

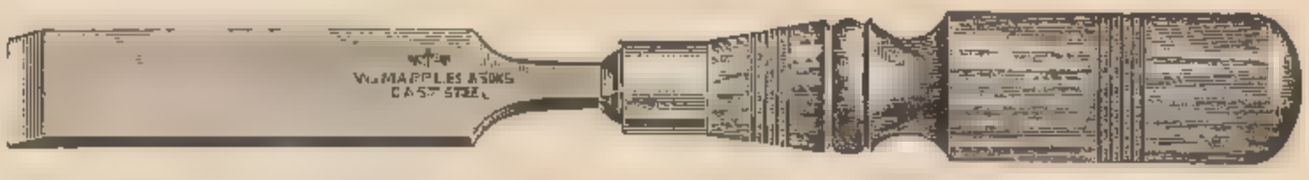
MELBOURNE AND SYDNEY

MARPLES' FIRMER CHISELS

T1.

Beech Handled

Sizes: 1/16", ⅛", 3/16", ¼", 5/16", ⅜", 7/16", ½", ⅝", ¾". ⅞", 1", 1¼", 1½", 1¾", 2".



FIRMER CHISELS, MARPLES'

T2.

Bevelled Edge, Octagon Boxwood Handle

Sizes: 1/16", ⅛", 3/16", ¼", 5/16", ⅜", 7/16", ½", ⅝", ¾", ⅞", 1", 1¼", 1½", 1¾", 2"

MARPLES' REGISTERED CHISELS

T3.

Double Hooped Ash Handle

Sizes: ¼", ⅜", ½", ⅝", ¾", ⅞", 1", 1¼", 1½", 1¾", 2"

SOCKET FIRMER CHISELS

T4. MARPLES'

Light, Ash Handled, Iron Hooped

Sizes: ¼', 5/16", ⅜", 7/16", ½", ⅝", ¾", ⅞", 1", 1¼", 1½", 1¾", 2".

Woodworkers' and Builders' Tools

T5. BUTT CHISELS, MARPLES'

Ash Handled, Leather Tipped

Sizes: ⅜", ½", ⅝", ¾", ⅞", 1", 1¼", 1½", 1¾", 2".

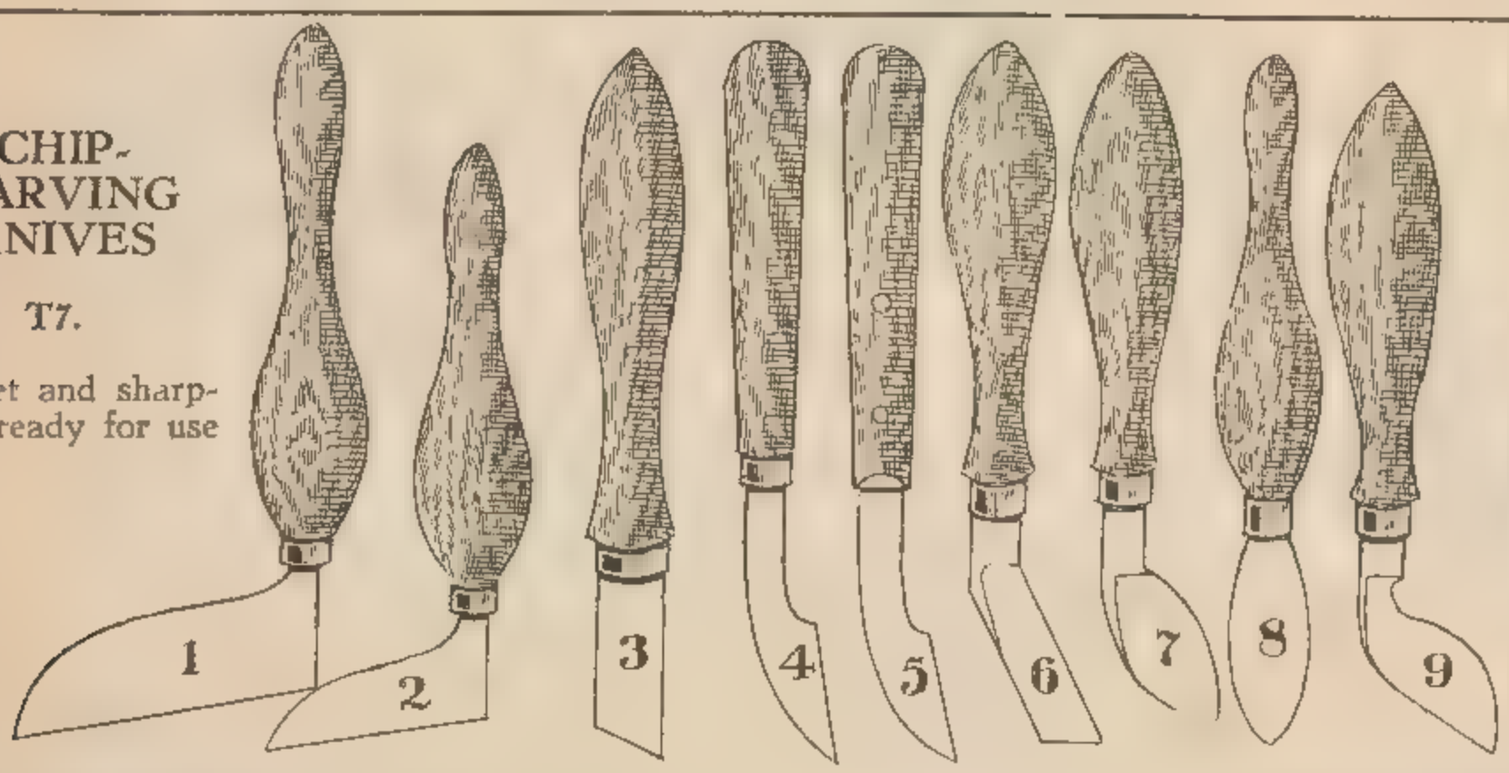
T6. FIRMER GOUGES, MARPLES'

Round Beech Handled, Ground Outside

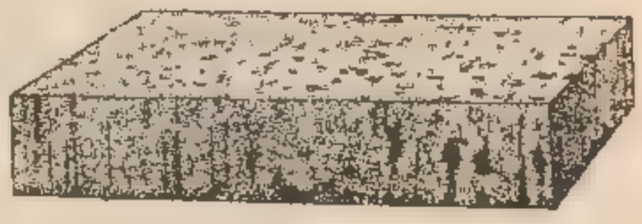
CHIP-CARVING KNIVES

T7.

All set and sharpened ready for use



For METALWORKERS' TOOLS See Pages 156 to 181



Cork Rubbers for Joiners and Cabinet Makers

T8.

STRIKING KNIVES, Ward & Payne's

T9.

CARPENTERS' LEAD PENCILS

Dixon's Hard Black Graphite Framers

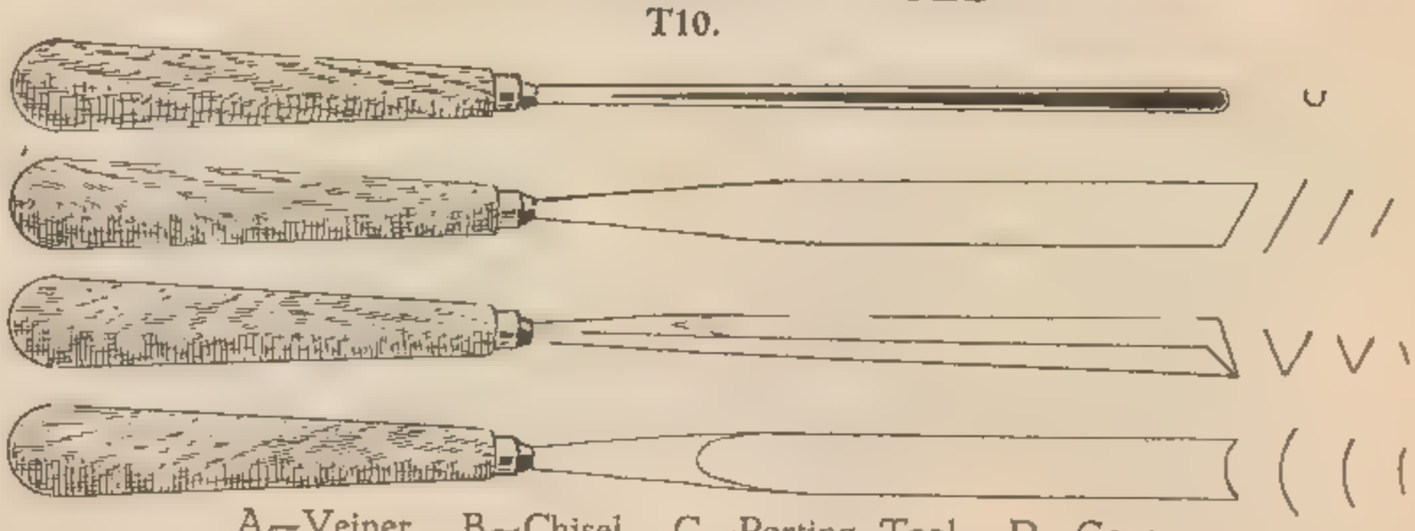
—will not scratch.

Polished Cedar or Red and Black

GUARANTEED QUALITY!

CHIP-CARVING TOOLS

T10.

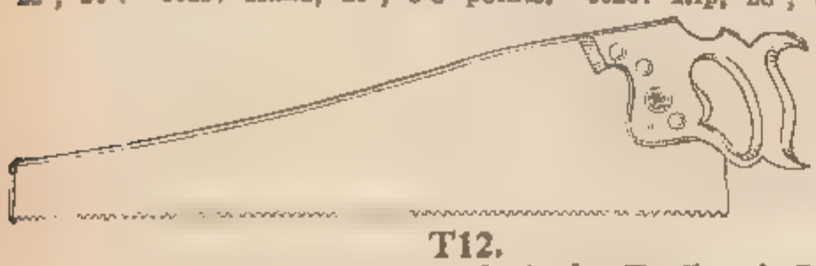


A—Veiner. B—Chisel. C—Porting Tool. D—Gouge

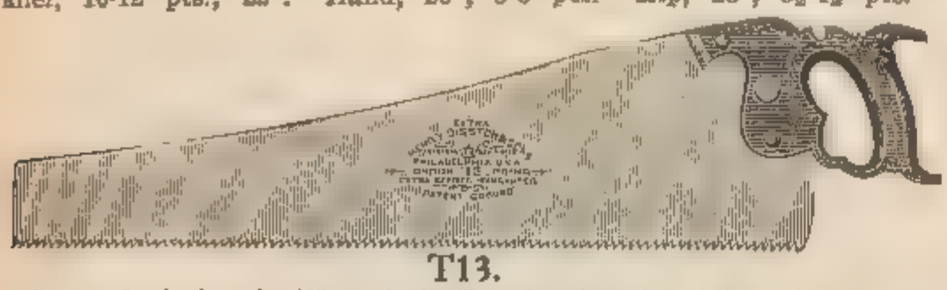
DANKS OFFER QUALITY TOOLS AT COMPETITIVE PRICES

HAND AND RIP SAWS

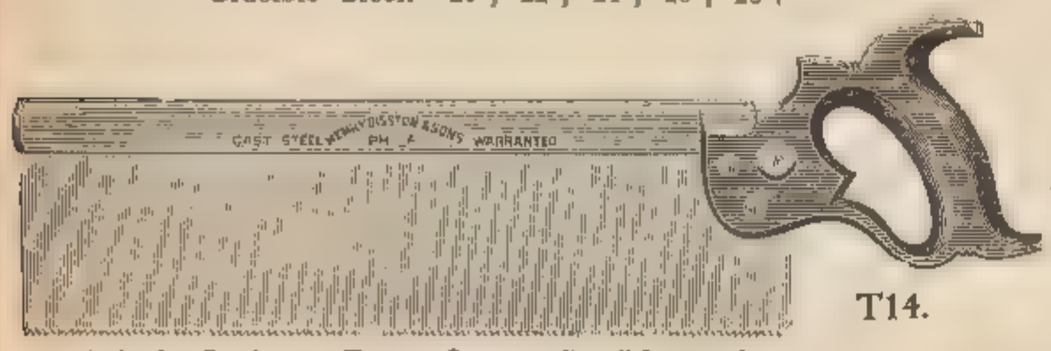
T11.
Disston's "D8" SKFW Back. Refined Crucible Steel Blades. Apple Handles, 5 Brass Screws. 6624: Panel, 8-12 points. 16", 18", 20", 22", 24". 6625: Hand, 26", 5-8 points. 6626: Rip, 28", 3-4½ points.



T12.
Sirdar Skew Back. Spring Steel Apple Handle, 4 Brass Screws. Panel, 10-12 pts., 22". Hand, 26", 5-8 pts. Rip, 28", 3½-4½ pts.



T13.
Spear & Jackson's "Spearior" Brand. Standard line improved Crucible Steel. 20", 22", 24", 26", 28".

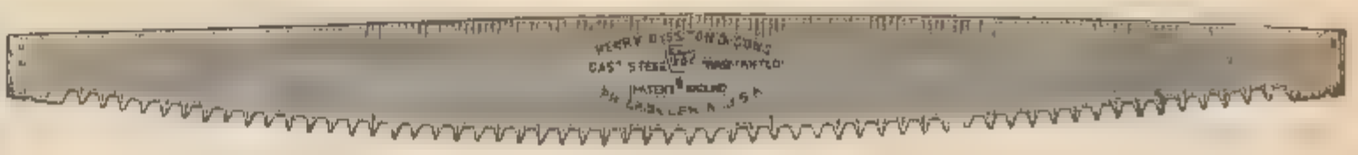


T14.
Disston's Buck or Tenon Saws. Crucible steel Apple handles. 3 Brass Screws. Blued back. 8", 10", 12", 14". Also Spear & Jackson's, as above.

T15.
Tyzack's Bowden Tenon Saws, for household use 10", 12", 14".

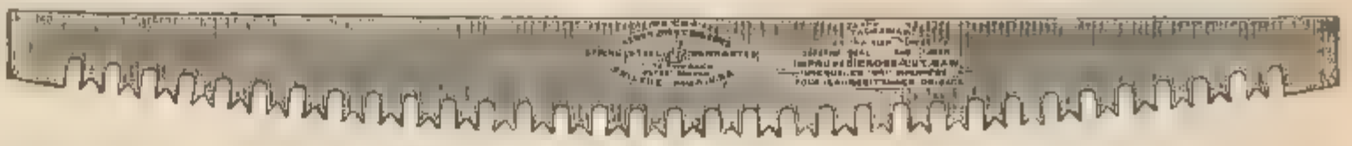
T16.
Keyhole Saw and Pad, with adjustable blade. Rd. hardwood handle. 10" blade.

CROSSCUT SAWS



T20.
Disston's Plain or Peg Tooth. 2 Gauges thinner on back than on tooth edge. Sizes: 5', 5½', 6', 6½'.

DISSTON'S CROSSCUT SAW
T21.

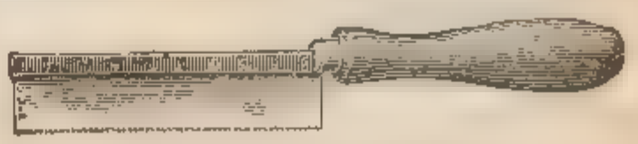


Tasmanian Tooth. 4 Gauges thinner on Back than on Tooth Edge Sizes: 5', 5½', 6', 6½'.

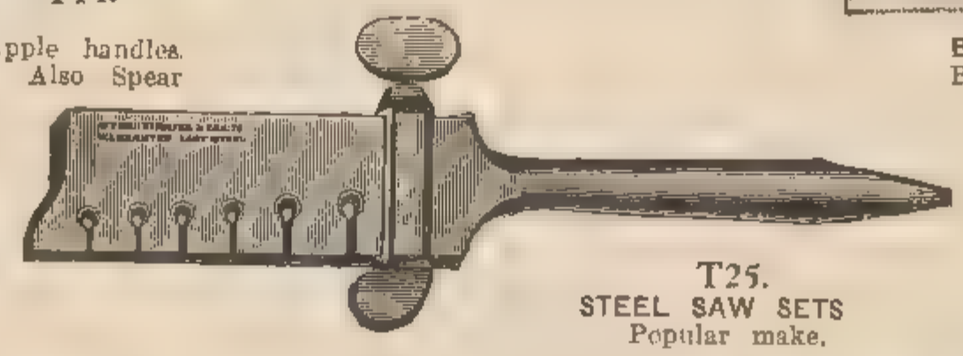
T22.
DISSTON'S OR PEG AND RAKER ONE-MAN CROSSCUT SAW

T23.
EXTRA HANDLES FOR ABOVE:

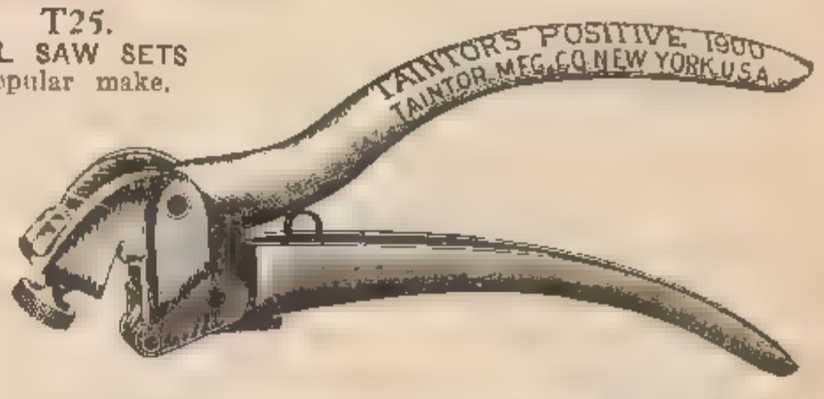
T24.



Brass Back Dovetail Saw.
British. Sizes: 6", 7", 8".

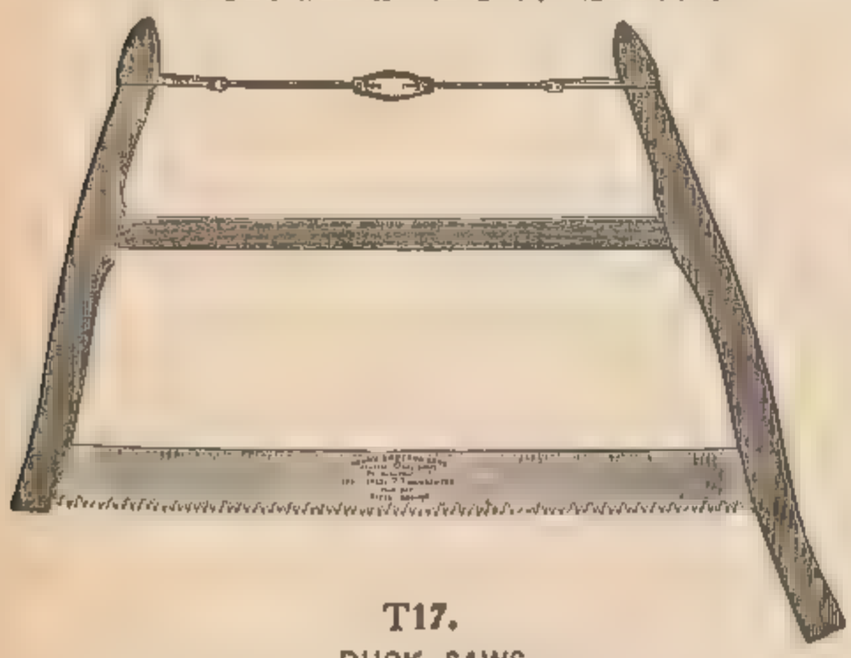


T25.
STEEL SAW SETS
Popular make.

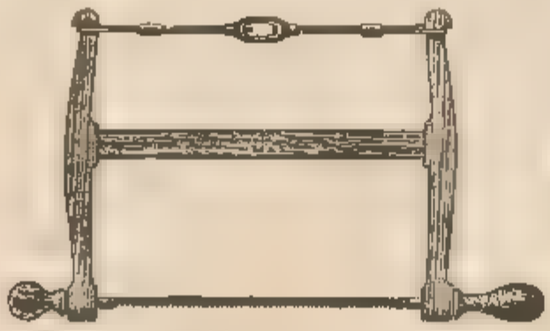


TAINTOR HAND SAW SET
T26.
With guide.
Also with wood handles.

BUCK AND BOW SAWS

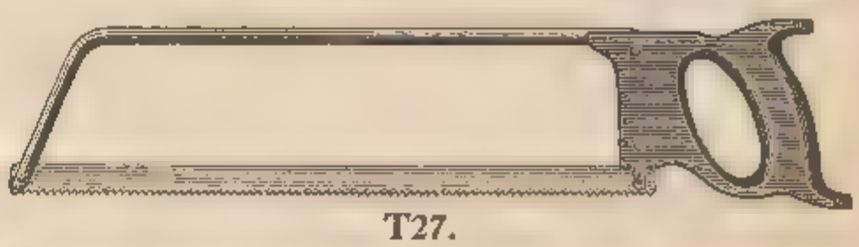


T17.
BUCK SAWS
30" x 2⅝" blades. Disston's Peg Tooth or Lightning Tooth and Jackson's.



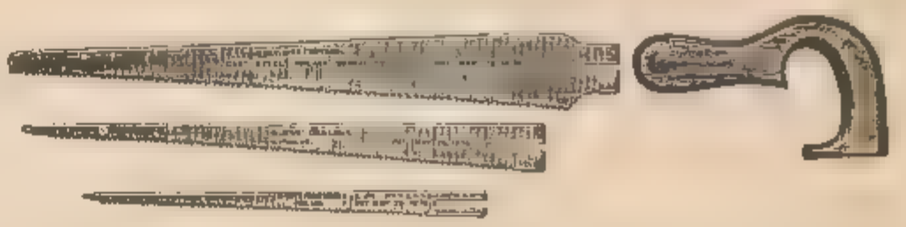
T18.
MARPLES' TURNING BOW SAWS
Beech frame, bow handle. 10", 12", 14".

T19.
NEST OF SAWS
One each, keyhole compass and pruning. Disston's, Spears & Jackson's, Tyzack's and Sirdar.

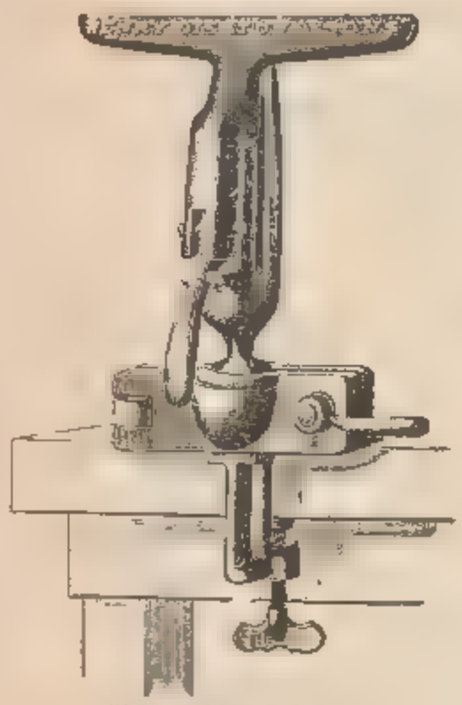


T27.
Disston's Kitchen Saws.
Round back, bright blade, ⅝" wide. 14".

T28.
Keyhole Saw and Pad.
Combination Keyhole, Saw Pad and Screwdriver.

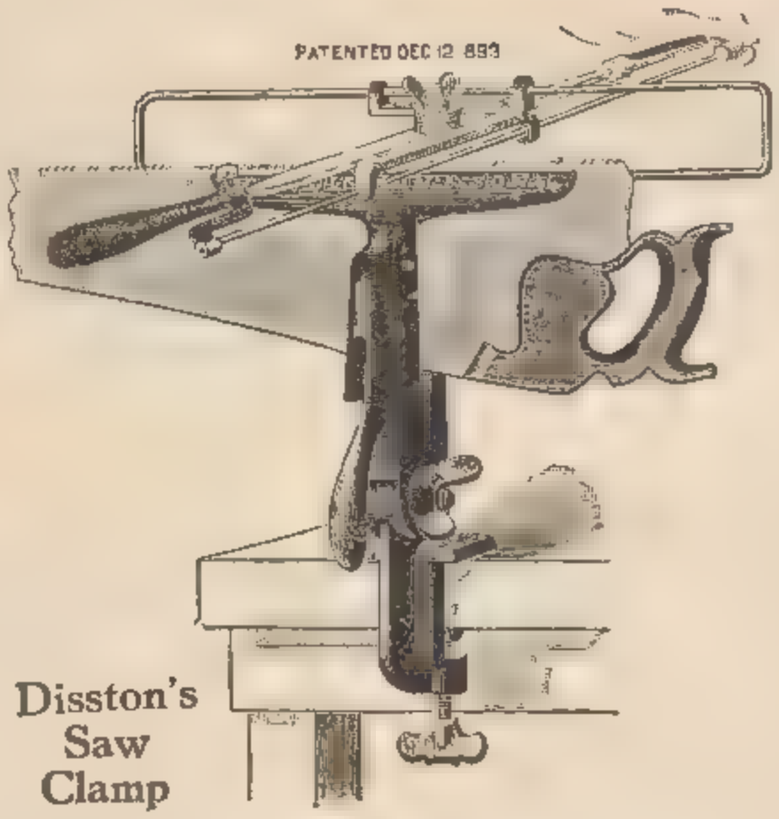


JOHN DANKS & SON PTY. LTD.
MELBOURNE AND SYDNEY



DISSTON'S IMPROVED SAW CLAMP
T29.

By the use of this Clamp a Saw may be held at any angle, or square, as the operator may desire.
9" Jaw. Japanned.



Disston's Saw Clamp

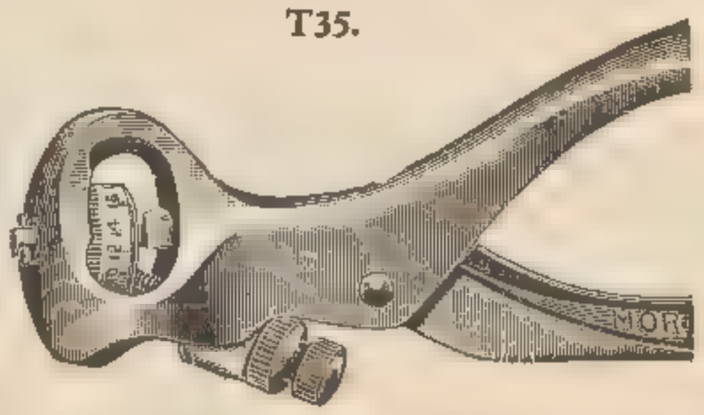
T30.

This cut shows a saw and the guide in proper position for filing the first side. There are three marks on one of the hubs of the swivel attachment, and one mark on the other. One of the three marks shows when it is in position for the first side, and the other designates when it is in position for filing the other side. The third, or centre mark, shows when it is in position for filing Rip Saws. To obtain the correct position loosen the wing nut and move the guide around to the point desired; after tightening wing nut, loosen screw in file handle and adjust the file for the shape of tooth wanted. A good way is to select a tooth of correct shape and set file down into it, tighten set screw in handle, then file a tooth to see if the shape suits. If not, turn the file a little to the right or left and try another tooth until the proper shape is obtained. Then file every other tooth. When one side is filed, reverse saw and attachment and file the other teeth. For Rip Saws, place the file at right angles with the saw and file every tooth. Always keep the file as near horizontal as possible.

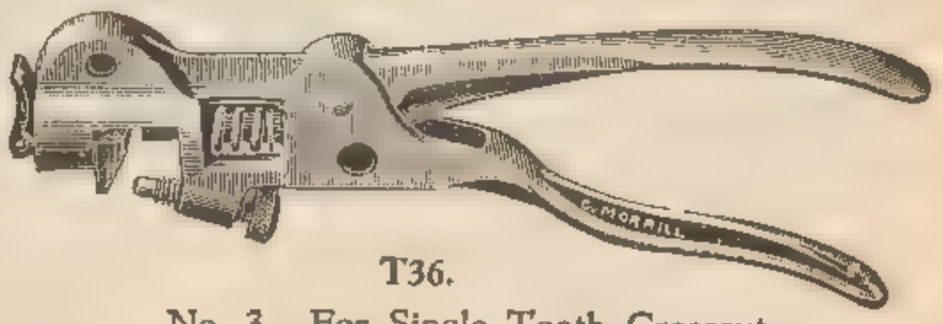
Disston's Triumph Saw Sets

T31.—For hand, back, web and butchers' saw blades from 10 to 16 pt.
T32.—For hand, back, web and narrow band saws; 10 pts. to the inch and coarser.
T33.—For circular and crosscut saws 14 g. and lighter:
T34.—For circular and crosscut saws 12 g. and lighter.

Morrill's Special Saw Set for Hand Saws
T35.



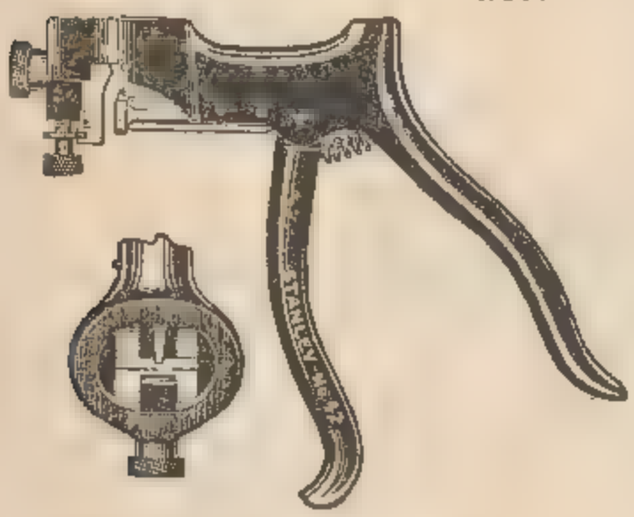
Morrill's Patent Saw Sets



T36.

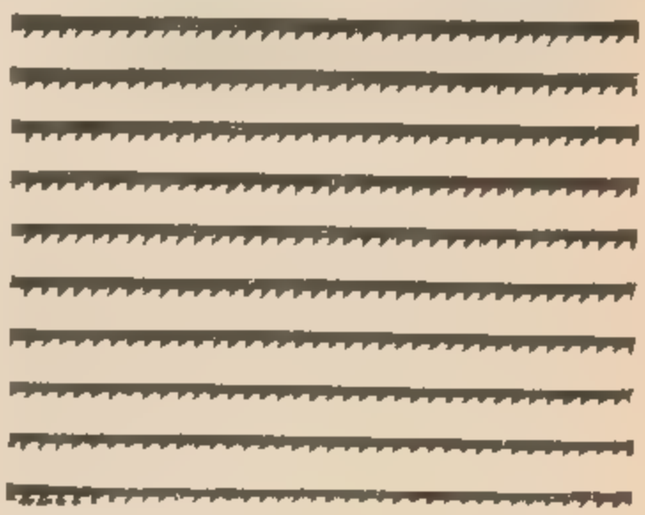
No. 3.—For Single Tooth Crosscut.
No. 4.—For Lightning Tooth Crosscut.

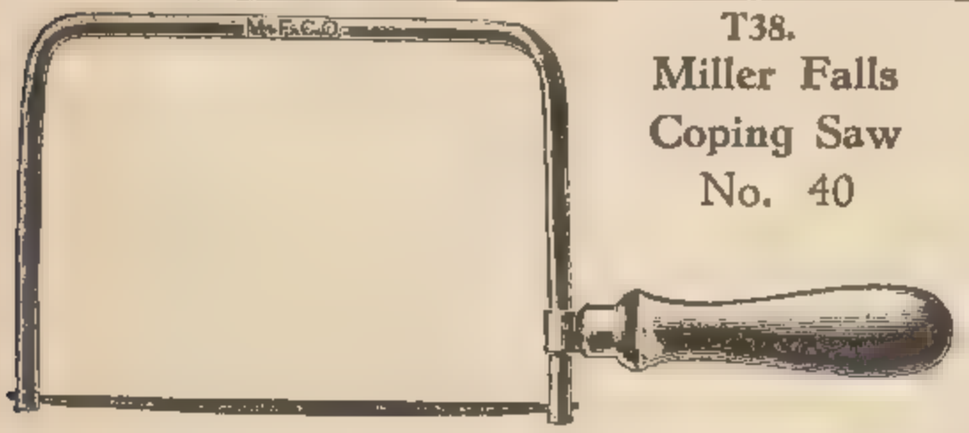
The Stanley "Pistol Grip" Adjustable Saw Set
T37.



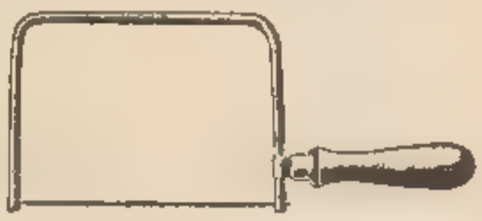
This Saw Set embodies several unique and important features not heretofore seen in tools of this description.
The shape of the Body and Handle enables the user to operate the tool with the least possible exertion, and the Saw is held firmly against the gauge while the tooth is being set.
It can be readily adjusted by means of the knurled thumb screw. The same adjustment can be easily obtained for duplicate work.
The tool is designed so that the Saw teeth are in full view. This enables the user to quickly adjust the tool to the tooth to be set.
The plunger and anvil are made of tool steel—hardened and tempered. All parts are carefully machined and are interchangeable.
The tool is given a fine black finish.

For Highest Quality and Keenest Values





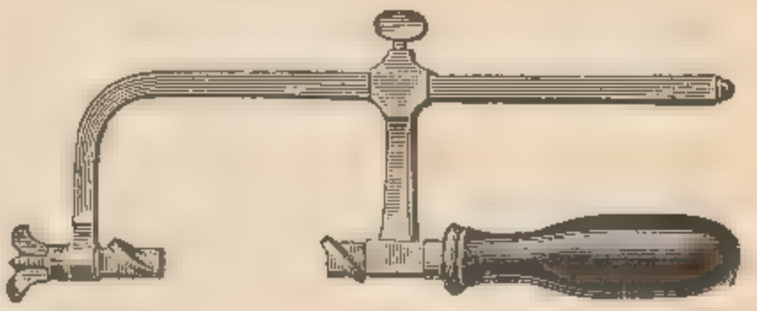
T38.
Miller Falls Coping Saw
No. 40



T39.
Wire Frame Coping Saw

T40. Extra Blades for Miller Falls Coping Saw
in Loop or Pin Pattern

T41.
Avia Fret Saw Blades



T41a.
Weller or Piercing Saw Frames
Adjustable to take Blades of various lengths

WE SUPPLY HIGH GRADE TOOLS AT REASONABLE PRICES

Stanley's Adjustable Planes

Smoothing Plane

T42.

Plain or Corrugated Bottom.

Size	Length	Cutter
3	8"	1⅝"
4	9"	2"
4½	10"	2⅜"

Jack Planes

T43.

Plain or Corrugated.

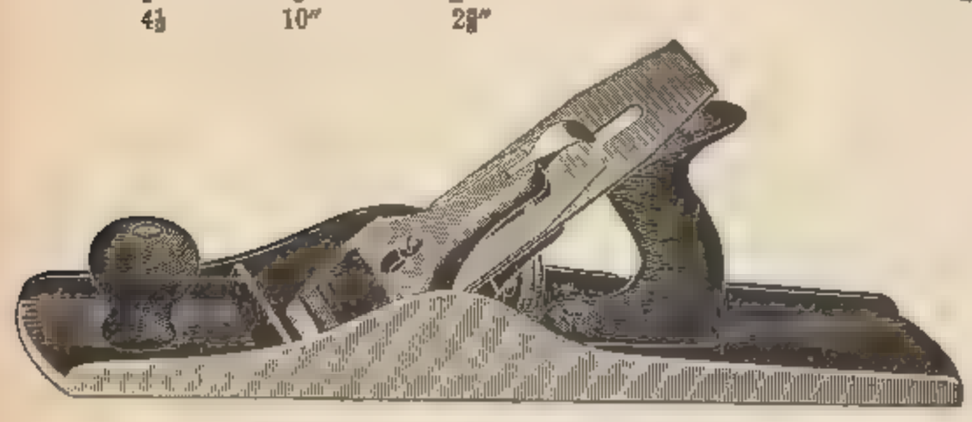
Size	Length	Cutter
5	14"	2"
5½	15"	2¼"

Carriage Makers' Rabbet Planes

T44.

An excellent tool for a wide variety of jobs. Specially designed for heavy work.

Size	Length	Cutter
10½	9"	2⅛"
10	13"	2⅛"
10½	13"	2⅛"



Fore and Jointer Planes

T45.

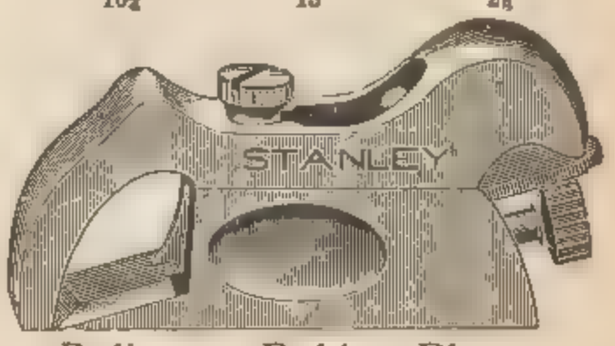
Plain or Corrugated Bottom.

Size	Length	Cutter
6	18"	2⅜"
7	22"	2⅜"
8	24"	2⅜"

Stanley "Bed Rock" Adjustable Planes

T46.

	Size	Length	Cutter
Smooth—			
	604	9"	2"
	604½	10"	2⅜"
Jack—			
	605	14"	2"
	605½	15"	2¼"
Jointer—			
	607	22"	2⅜"



Bull-nose Rabbet Planes

T47.

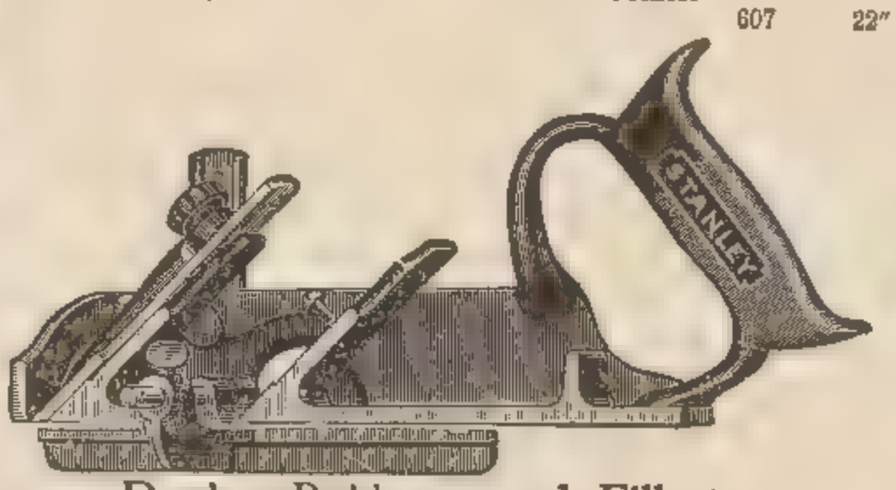
Designed specially for Fine Cabinet Work where accuracy is most essential. Will lie perfectly flat on either side—the sides and bottom being square with each other—and can be used either right or left. Both Cutter and Throat Opening are adjustable.
No. 90.—Nickel Plated. 4" Long
1" Cutter.

Side Rabbet Planes

T48.

For Side Rabbeting and Trimming Mouldings, Dados, and Grooves of all kinds, this Plane is most useful.

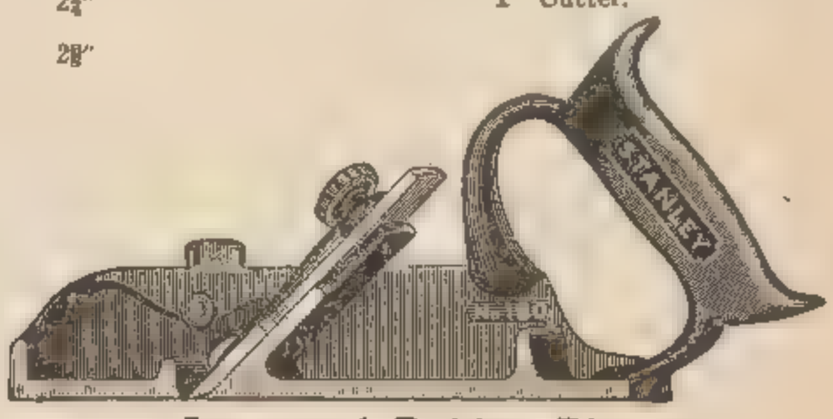
Will work close up into corners. Nos. 98 and 99. Length, 4". Cutter, ½".



Duplex Rabbeter and Fillester

T49.

This Plane becomes a Rabbet Plane by removing the arm to which the fence is secured. Can also be used as a Bull-nose Rabbet Plane. Fitted with a Spur for working across the grain, and has also a Depth Gauge.
No. 78.—8½" Long. 1½" Cutter.



Improved Rabbet Planes

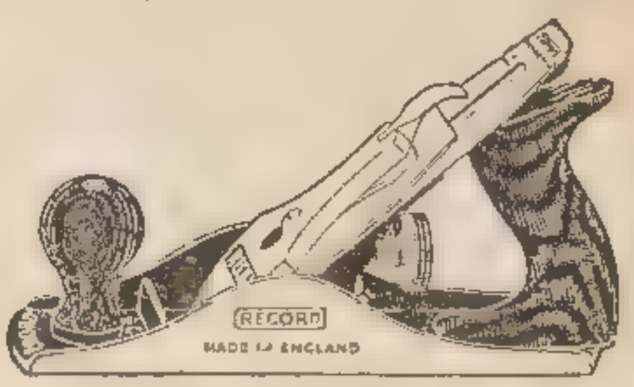
T50.

Lies perfectly flat on either side. Can be used with right or left hand equally well while planing into corners or against vertical surfaces. Fitted with Depth Gauge and Cutting Spur.

Size	Length	Cutter
190		1½"
191	all 8"	1¼"
192		1"

RECORD PLANES

We also stock a complete range of the English-made RECORD PLANES



T51.—Record Jack Planes.
T52.—Record Block Planes.
T53.—Record Smooth Planes.
T54.—Record Rabbet Planes.
T55.—Recird Side Rabbet Planes.

T56.—Record Router Planes.
T57.—Record Duplex Rabbet.
T58.—Record Bull Nose.

T59.—Record Circular.
T60.—Record Light Comb.
T61.—Record Plough.
T62.—Record Multiplane.

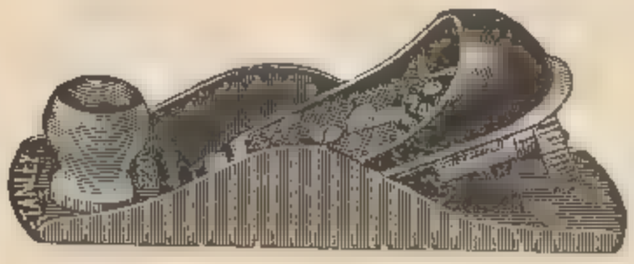
WE CATER FOR THE TRADESMAN AND HOME CARPENTER

BLOCK PLANES

T63.

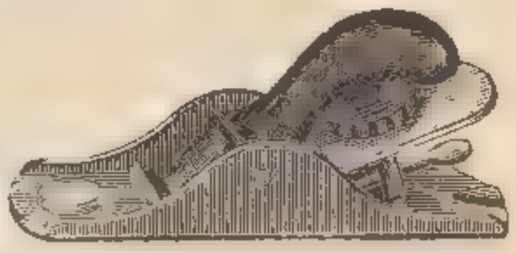
Stanley Block Plane

No. 110.—7½" Long, 1⅝" Cutter.



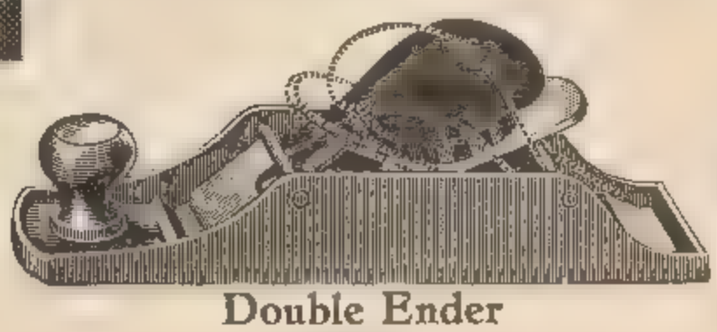
T64.

Adjustable, 7½" Long, 1⅝" Cutter.
A Plane of exceptional value No 220



T65.

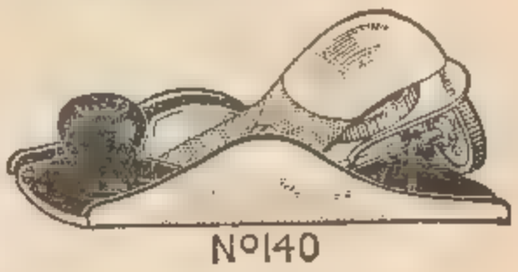
5½" Long, 1¼" Cutter.
Fine adjustment. No. 103



Double Ender

T66.

Has two Slots and two Cutter Seats, making it applicable as a Block or Bull-nose Plane.
No. 130, 8" Long, 1⅝" Cutter.



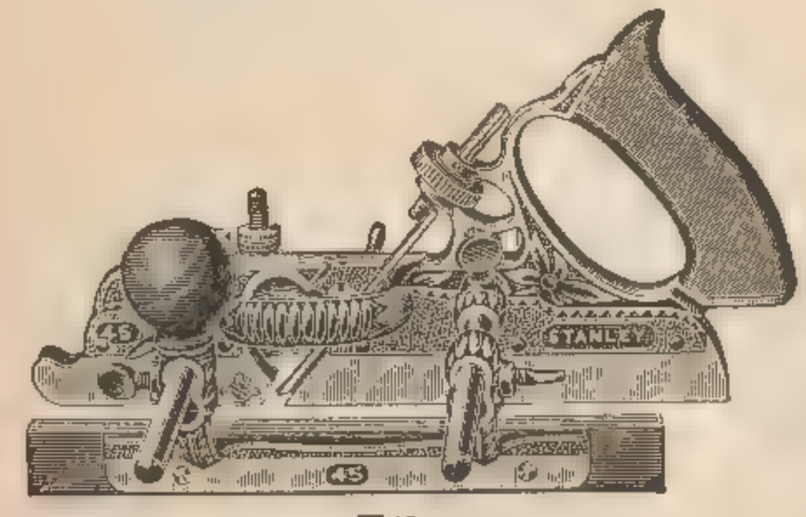
No140

T67.

Stanley Rabbet and Block Plane

A detachable side will easily change it from a Block Plane to a Rabbet Plane. The Cutter is adjustable endwise, and set on a skew.

7" Long, 1¾" Cutter.



T68.

Stanley or Record Combination Plane

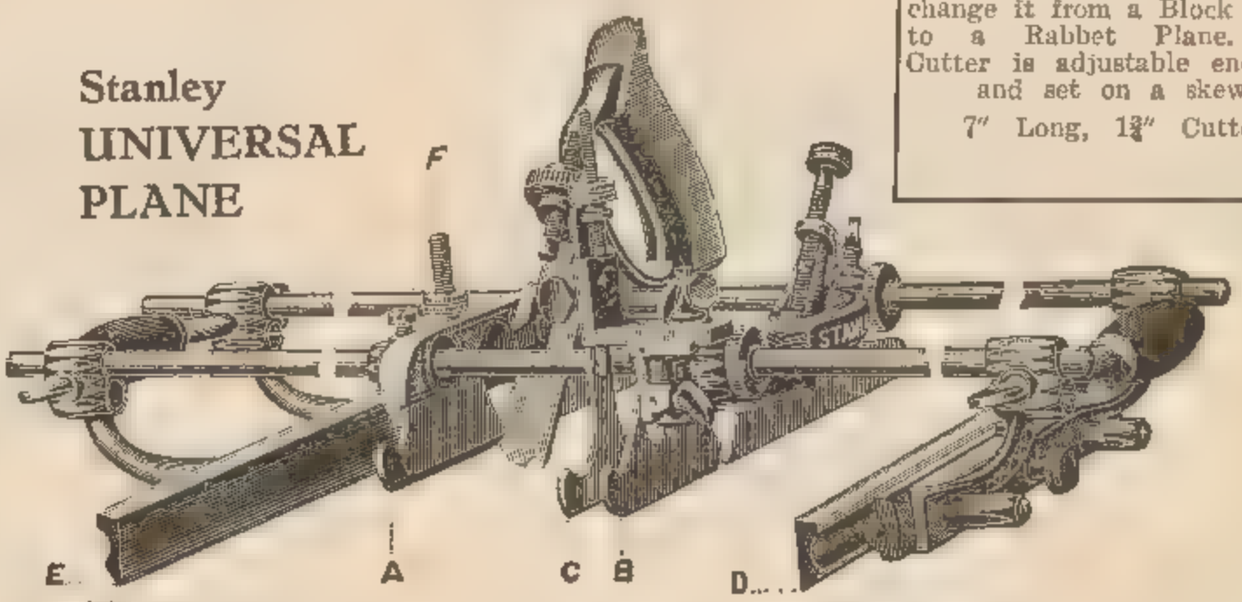
Main Stock and Sliding Section are so arranged that cutters of different widths can be used. Fitted with adjustable Fence or Guide and Depth Gauge, also with Spurs for use in working across the grain, and can be used Right or Left Hand.

This Plane combines seven tools in one—Beading and Centre Beading, Rabbet and Filletster, Dado, Plow, Matching, Sash, and a Slitting Plane. It has Seven Beading Tools—⅛, 3/16, ¼, 5/16, ⅜, 7/16, ½; Ten Plow and Dado Bits—⅛, 3/16, ¼, 5/16, ⅜, 7/16, ½, ⅝, ¾, ⅞; a Slitting Blade, a Tonguing Tool, and a Sash Tool.

No. 45.—Nickel Finish, Rosewood Handle and Fences.

IRONS for above Plane on next page

Stanley UNIVERSAL PLANE



T70.

COMPLETE WITH 52 TOOLS, BITS, ETC.

This tool in the hands of an ordinary Carpenter can be used for all kinds of work covered by a full assortment of so-called Fancy Planes.

SPECIFICATIONS (See Diagram).

This Plane is Nickel-plated, the 52 Cutters are arranged in four separate Cases, and the entire Outfit is packed in a neat Wooden Box. This Plane consists of:—

A Main Stock (A) with two sets of Transverse Sliding Arms, a Depth Gauge (F) adjusted by a screw, and a Slitting Cutter with Stop.

A Sliding Section (B) with a Vertically Adjustable Bottom.

The Auxiliary Centre Bottom (C) is to be placed in front of the Cutter as an extra support, or stop when needed. This bottom is adjustable both vertically and laterally.

Fences D and E.—Fence D has a lateral adjustment, by means of a Screw, for extra fine work. The Fences can be used on either side of the Plane, and the Rosewood Guides can be tilted to any desired angle, up to 45 deg., by loosening the Screws on the Face. Fence E can be reversed for Centre Beading Wide Boards.

An Adjustable Stop, to be used in Beading the Edges of Matched Boards, is inserted on the left-hand side of Sliding Section (B).

No. 55.—Price Complete with 52 Tools, Bits, etc.

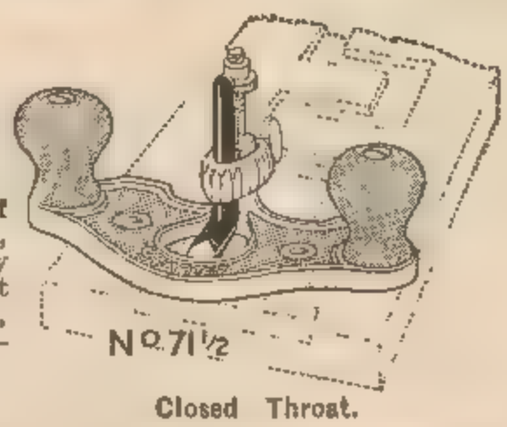
Open Throat.

T69.

Woodworker's Router Planes

Adapted to surface the bottom of Grooves, Panels, Depressions, etc., below the general surface of any woodwork. Invaluable to Cabinet Makers, Stairbuilders, Patternmakers, etc. Supplied with two Steel Bits—¼" and ½".

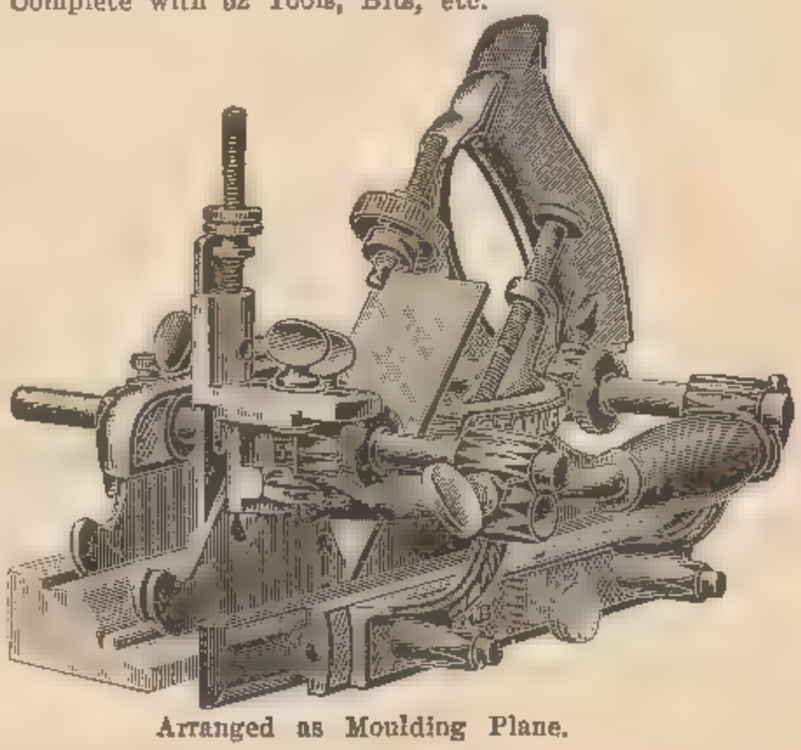
No. 71.—Nickel-finish.



Closed Throat.

This Plane takes the place of a FULL RANGE of so-called Fancy Planes.

ORDER YOURS AT ONCE!



Arranged as Moulding Plane.

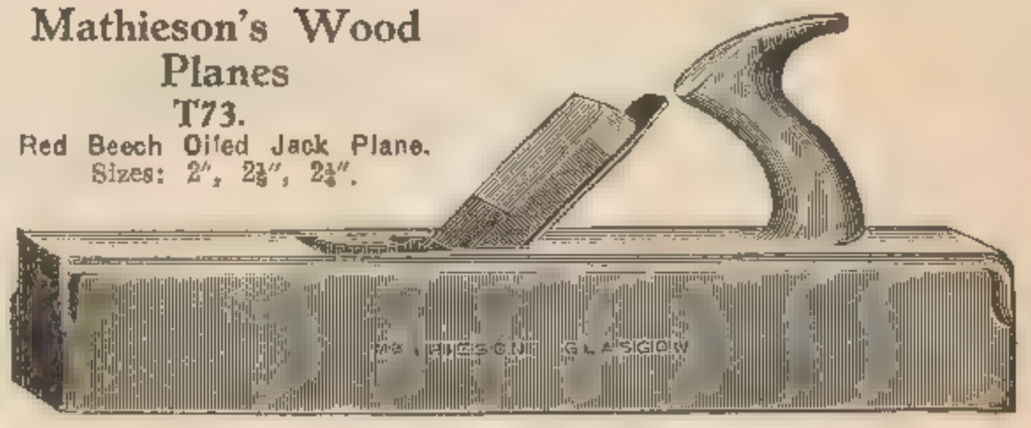
GOOD TOOLS ARE AN INVESTMENT

Smoothing Plane
T71.
Sizes: 2", 2½", 2¾".

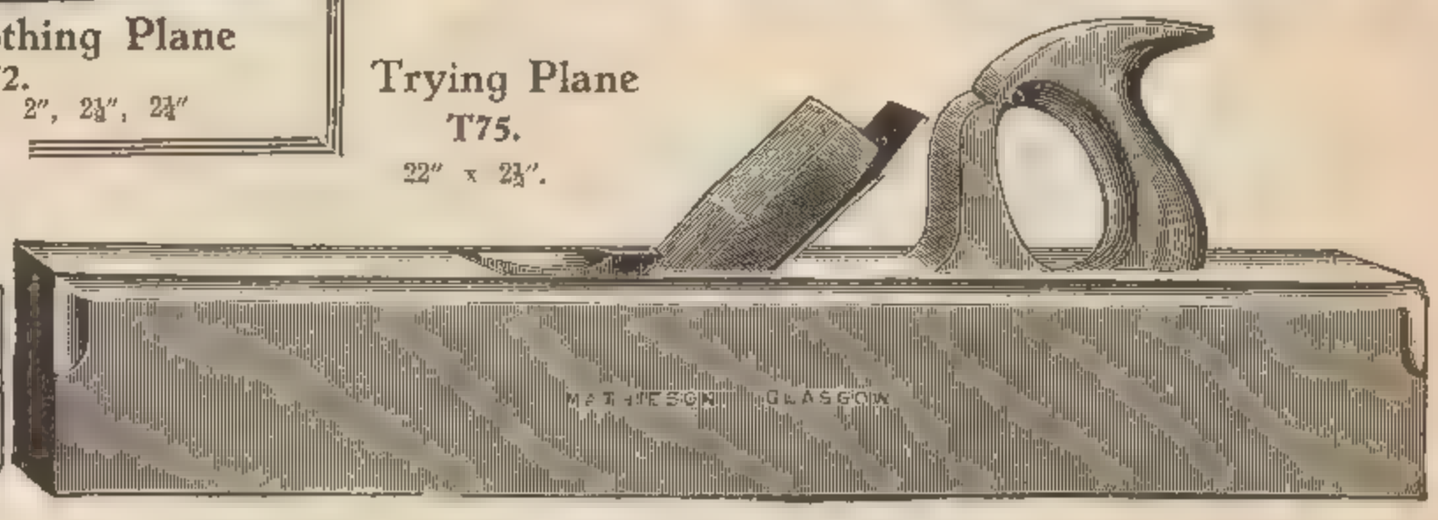
Mathieson's Wood Planes

Smoothing Plane
T72.
Sizes. 2", 2½", 2¾"

Mathieson's Wood Planes
T73.
Red Beech Oiled Jack Plane.
Sizes: 2", 2½", 2¾".

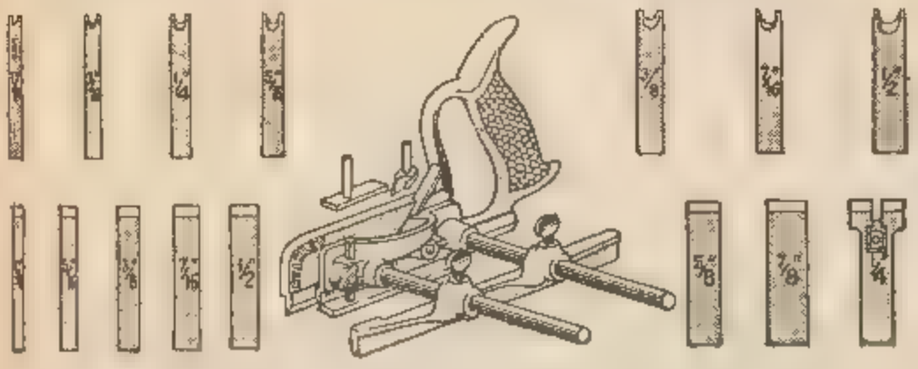


Trying Plane
T75.
22" x 2½".



Mathieson's Skew Eyed Hollows and Rounds
Red Beech, Oiled.

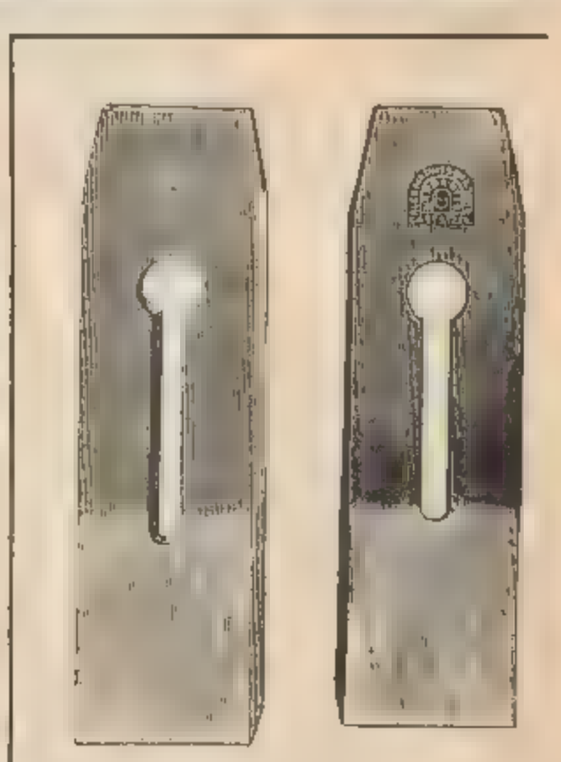
T74.
Sizes: Nos. 2, 4, 6, 8, 10, 12, 14, 16, 18.
In Half-sets, 2 18.



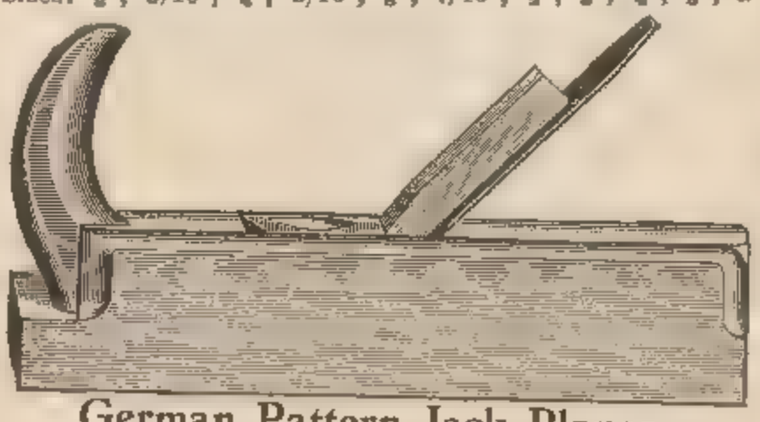
Plow, Beading and Matching Plane
T79.
This is a very handy tool for light work. It consists of a main stock, carrying a spur and a depth gauge, and forming a support for one side of the cutter; a sliding section, carrying a spur and forming a support for the other side of the cutter, and a fence with a 5" adjustment. The handle is metal, being a part of the main stock.
The cutters comprise 9 plow and dado bits, ⅛", 3/16", ¼", 5/16", ⅜", 7/16", ½", ⅝" and ¾"; 7 beading tools, ⅛", 3/16", ¼", 5/16", ⅜", 7/16" and ½"; and a ¼" tonguing tool.
9½" Long. Nickel Plated. 17 Cutters.

Mathieson's Bead Plane
T76.

Sizes: ⅛", 3/16", ¼", 5/16", ⅜", 7/16", ½", ⅝", ¾", ⅞", 1".



Mathieson's Plane Irons
T78.
Left—Parallel:
Sizes: 2", 2½", 2¼", 2½".
Right—Single:
Sizes: 1½", 1⅞", 2", 2⅛", 2¼", 2⅜", 2½"

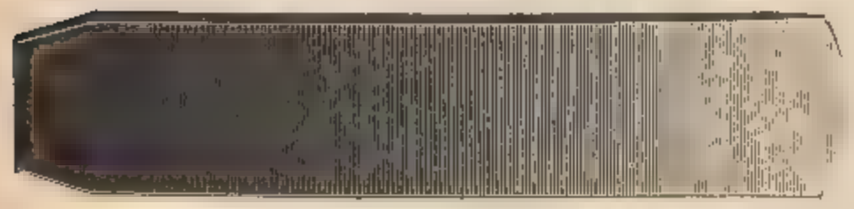


German Pattern Jack Planes
T77.
Sizes: 1½", 1¾", 2". Red Beech. Mathieson's.

Berg's and Stanley's Plane Irons

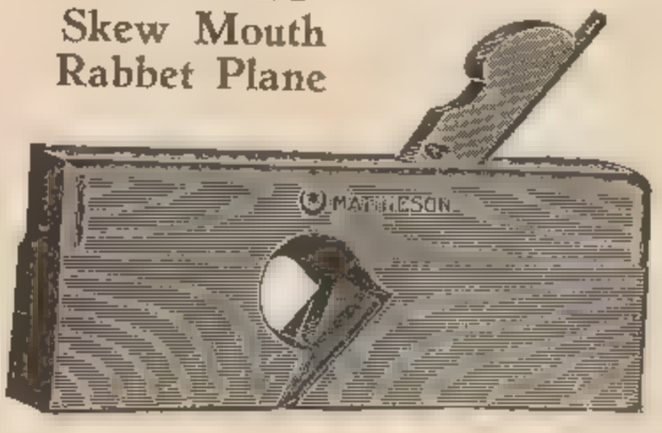
T80.
Sizes:: 1¾", 2", 2⅛", 2⅜", 2⅝".

German Jack Irons



T81. Sizes: 1¾", 1½", 1¾", 2".

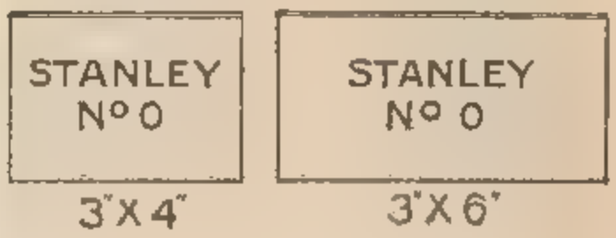
Mathieson's Skew Mouth Rabbet Plane

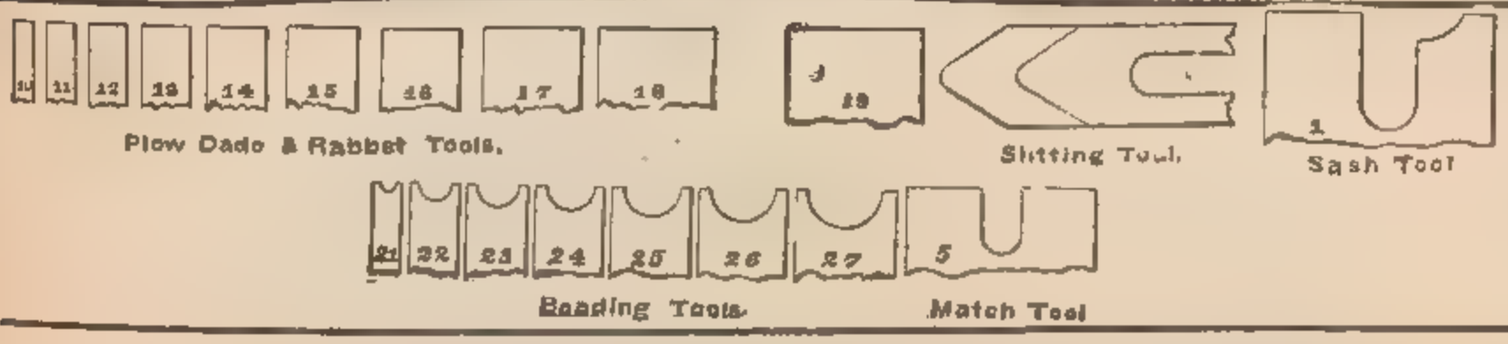


T82
Sizes ¼", ⅜", ½", ⅝", ¾", ⅞", 1", 1¼", 1½"

Stanley Hand Scrapers

T83. T84.





Irons for Stanley Combination Plane, No. 45
T85.
A Full Range of Plane Irons for all Stanley and Mathieson Planes

GOOD WORKMEN NEED GOOD TOOLS — CONSULT DANKS

JOHN BANKS & SON PTY. LTD.
MELBOURNE AND SYDNEY

STANLEY'S UNIVERSAL SPOKESHAVE
T86.

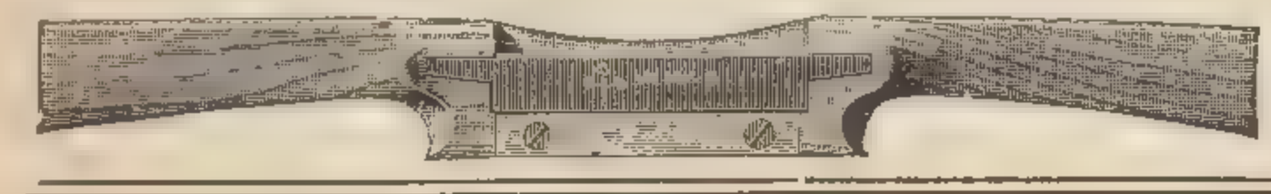
Both handles are detachable, so that either one can be screwed into the socket on top of the stock, thus allowing the Spokeshave to be worked into the corners, or panels, as no other Spokeshave can do. Supplied with both a straight and curved bottom.
Polished. Rosewood Handles. 9½" Long. 1⅞" Cutter.

Marple's Beechwood Spokeshave
T87.

Sizes: 1½", 2", 2½", 3", 4".

Round or Square Fronts
T88.

Also Marple's Plated Spokeshaves (below) in Beechwood or Boxwood.



STANLEY SPOKESHAVES.
T96.

Double Iron. Raised Handles. 10" Long. 2⅛" Cutter.

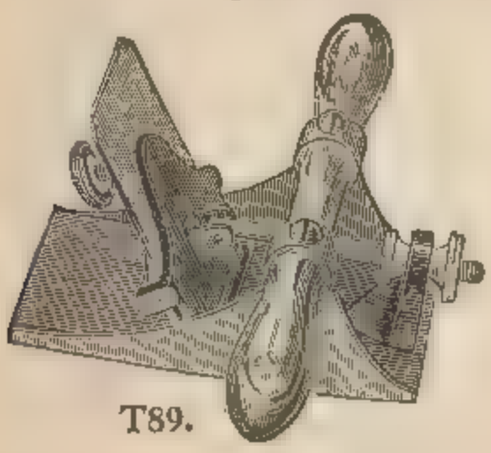
STANLEY SPOKESHAVES.
T97.

Double Iron, Raised Handles, Adjustable Mouth.
10" Long. 2⅛" Cutter.

STANLEY SPOKESHAVES.
T98.

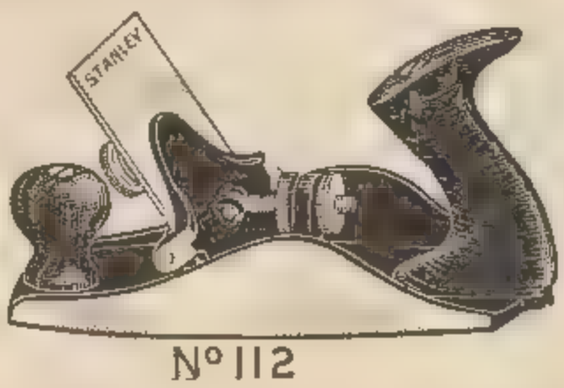
Straight Handles, Double Iron, Adjustable Mouth.
10" Long. 2⅛" Cutter.

STANLEY ADJUSTABLE SCRAPERS



T89.

Suitable for Veneer, Cabinet and Floor scraping. The angle of blade is adjustable.



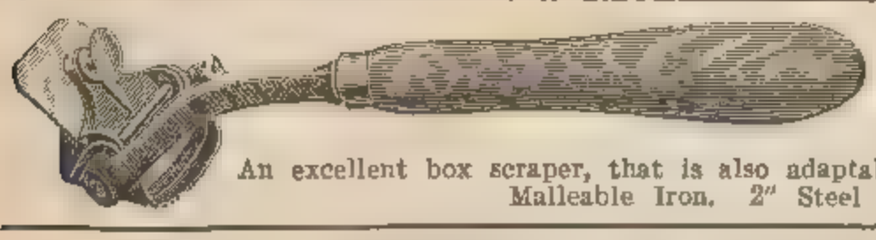
No 112
T90.

Same form as Bailey Plane, with blade adjustable endwise and for angles.
9" Long. 2⅞" Blade.

No 81

Stanley No. 81 Scraper
T91.

With rosewood face for use on finest cabinet work. Raised handles, pierced for hanging when not in use. Cast in one piece.
10" Long. 2⅛" Blade. Nickelled.



Case Scraper
T92.

An excellent box scraper, that is also adaptable for planing floors, etc.
Malleable Iron. 2" Steel Cutter.

DISSTON'S SAW HANDLES

Tenon Saw
T93.
Without Screws.
In sizes up to 16".

Unbored Hand and Rip Saws
T94.
Without Screws.
In sizes up to 28".

Nest Saws
T95.
Highest Quality and Keenest Prices.

Full Stocks of Saw Screws to Fit Disston's Handles

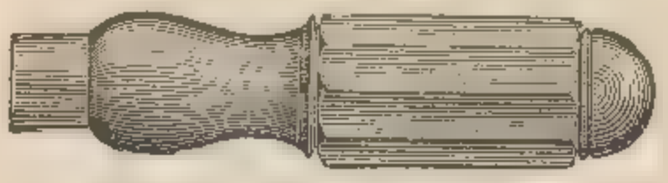
Stanley Cabinet Scraper
T99.

Made so that blade may be sprung to a slight curve.

Beechwood Screwdriver Handles
T100. Sizes: 4" to 12".

Beechwoood Firmer Chisel Handles
T101. Sizes: ¼" to 2".

Octagon Boxwood Chisel Handles
T102. Sizes: ¼" to 2".



American Socket Chisel Handles
T103.

Leather Tipped. Sizes: ¼" to 2".

QUOTATIONS FOR TOOLS GLADLY GIVEN — WRITE OR 'PHONE

"Yankee" Spiral Ratchet Screwdriver

T104.

This is the standard for Spiral Screwdrivers, and drives or draws screws by pushing on handle, or by a Ratchet movement, or it can be made rigid, as an ordinary Screwdriver. The spindle has two spirals, one right and one left hand with corresponding nuts. To drive screws in, the Shifter is moved to end of slot towards bit; to drive screws out, it is moved to end of slot towards handle.

T105.—"Yankee" Spiral Ratchet Screwdriver, No. 35.
T106.—"Yankee" Spiral Ratchet Screwdriver, No. 31.
T107.—"Yankee" Spiral Ratchet Screwdriver, No. 30.

Set of Drills
T109.
To suit "Yankee" Spiral Ratchet Screwdrivers.

"Yankee" Quick Return Spiral Ratchet Screwdriver, No. 130

T108.

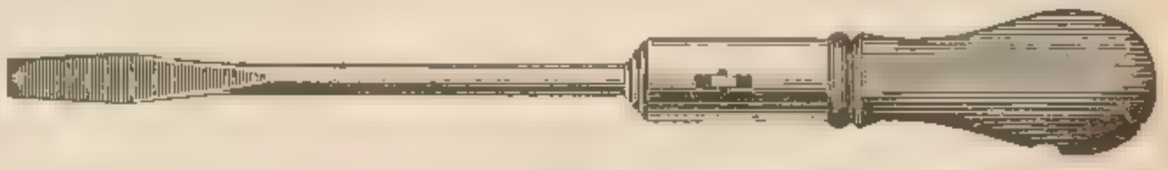
This is the regular pattern No. 30 with a spring added in handle, which causes the handle to come back for the next push, in driving screws in or out.
It is a "quick return" and more rapid as well as convenient in practical use, than pulling the handle back.

SEE ALSO PAGE 164 for POCKET SCREWDRIVERS

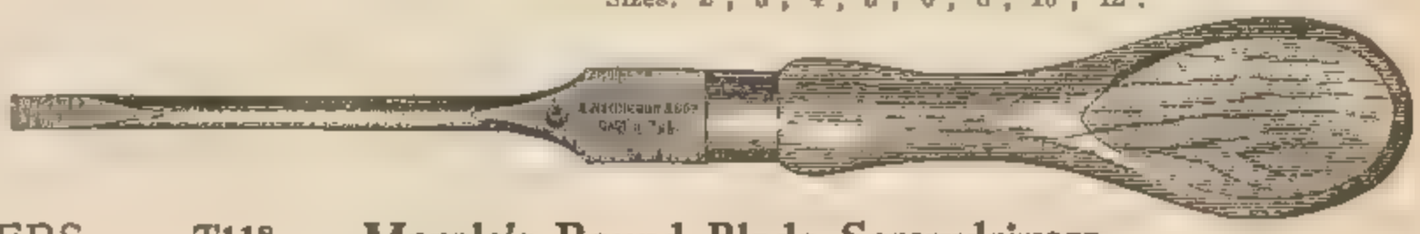
T114. "Yankee" Plain Screwdrivers
Sizes: 2", 3", 4", 5", 6", 8", 10", 12".

T115. "Yankee" Cabinet Screwdrivers
(Slim Blades.) Sizes: 2½", 3½", 4½", 5½", 6½", 7½", 8½", 9½", 10½", 12½", 15½".

T116. Marple's London Screwdrivers
Sizes: 4", 5", 6", 7", 8", 10", 11", 12", 18".



T117. "Yankee" Ratchet Screwdrivers
Adjustment for right or left hand is made by slide movement in direction of length of blade.
Sizes: 2", 3", 4", 5", 6", 8", 10", 12".



T118. Marple's Round Blade Screwdrivers
Sizes: 4", 5", 6", 7", 8", 10", 11", 12", 18".

"Yankee" Automatic Drill, No. 40
T110.

No. 40.—Has ratchet movement which can be used to advantage in hard or soft wood. Has eight Drill Points, 1/16" to 11/64".

"Yankee" Automatic Drill, No. 44
T111.

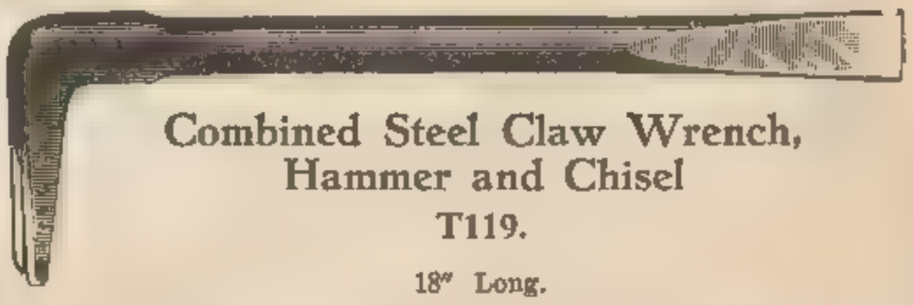
No. 44.—The cap on top of Drill has a screw attached to it by revolving which the spring is made longer or shorter, and as a result weaker or stronger, to suit work in hand, and save breakage of drills. Has eight Drill Points, 1/16" to 11/64".

"Yankee" Automatic Drill, No. 41
T112.

No. 41.—Has eight Drill Points, 1/16" to 11/64", which are in plain sight when magazine is open. During the return movement of handle the Drill Point revolves backward to clear chips, etc.

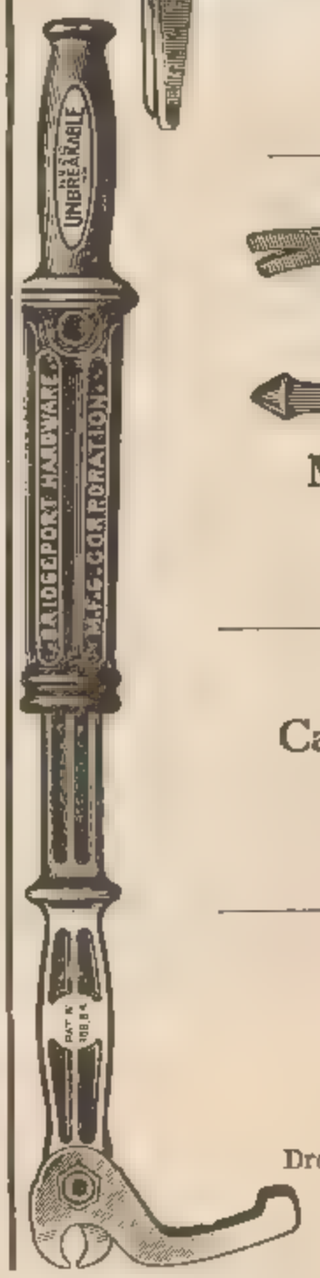
Reciprocating Drill
T113.

This Drill can be used for Steel, Brass and other metals, as well as all varieties of woods. It is so constructed that the Drill runs continuously to the right, during both the forward and backward movement of the driver.



Combined Steel Claw Wrench, Hammer and Chisel
T119.
18" Long.

Mathieson's Carpenters' Pincers
T120.
English. 6", 7", 8", 9".



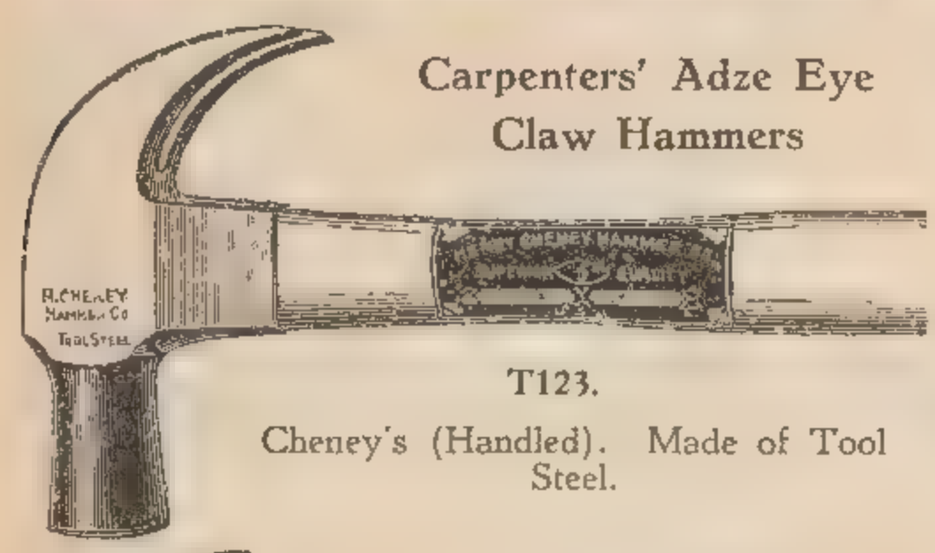
Carpenters' Mallets
T121.
Beech, 5", 6", 6½".

Nail Pullers
T122.
(At left):
18" Long. Jaws and Shark.
Drop Forged from High-grade Steel.

JOHN DANKS & SON PTY. LTD.

MELBOURNE AND SYDNEY

HAMMERS



Carpenters' Adze Eye Claw Hammers

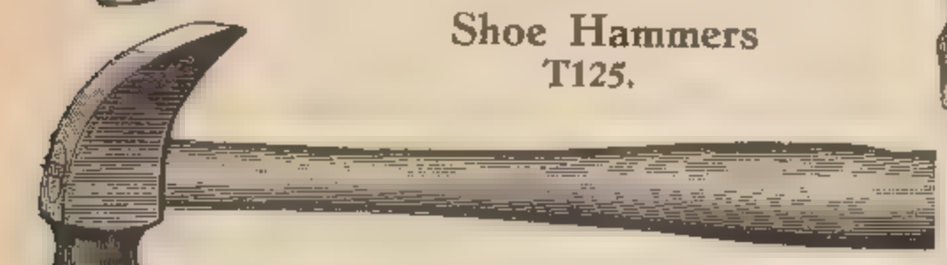
T123.

Cheney's (Handled). Made of Tool Steel.

Cheney's Adze Eye Farriers' Hammers

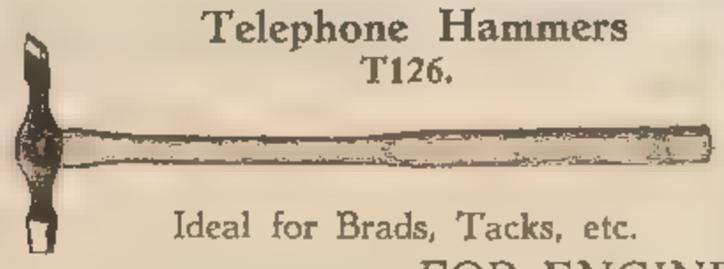
T124.

Highest quality, and the most popular make.



Shoe Hammers

T125.



Telephone Hammers

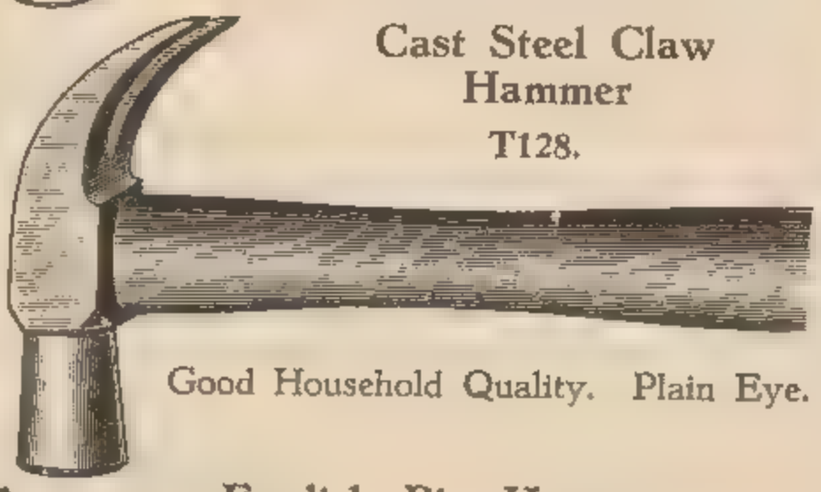
T126.

Ideal for Brads, Tacks, etc.

Mohawk Adze Eye Claw Hammer

T127.

A Reliable Hammer at a Moderate Price.



Cast Steel Claw Hammer

T128.

Good Household Quality. Plain Eye.

English Pin Hammers
With Best Polished Ash Handles

T129.

Joiners' Hammers.

French Pattern Cabriolet Hammers

T130.

Best quality steel, with claw.

ADZES

T131.

Brades' Carpenters' Adze

Nos. 1, 2, 3.

T132.

Brades' Ship Adze

Nos. 1, 2, 3.

T133.

Brades' Wheelers' Adze

Bronzed

Nos. 1, 2, 3.

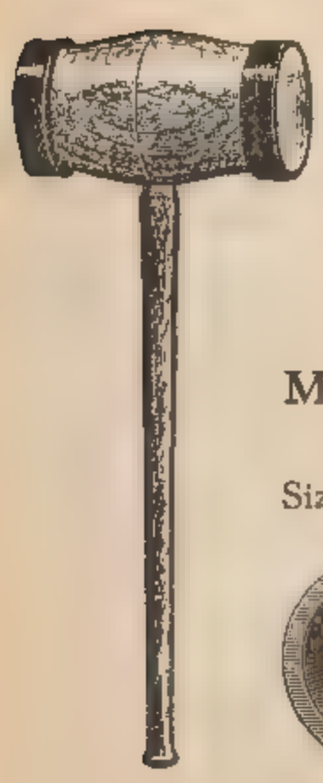
Also Gilpins in types illustrated.

FOR ENGINEERS' HAMMERS, Etc., See Page 173

HANDLES

For Axes, Hammers, Sledges, etc.
Highest Quality, Selected Timber

Handled Mauls
T134.
Best Timber Rings

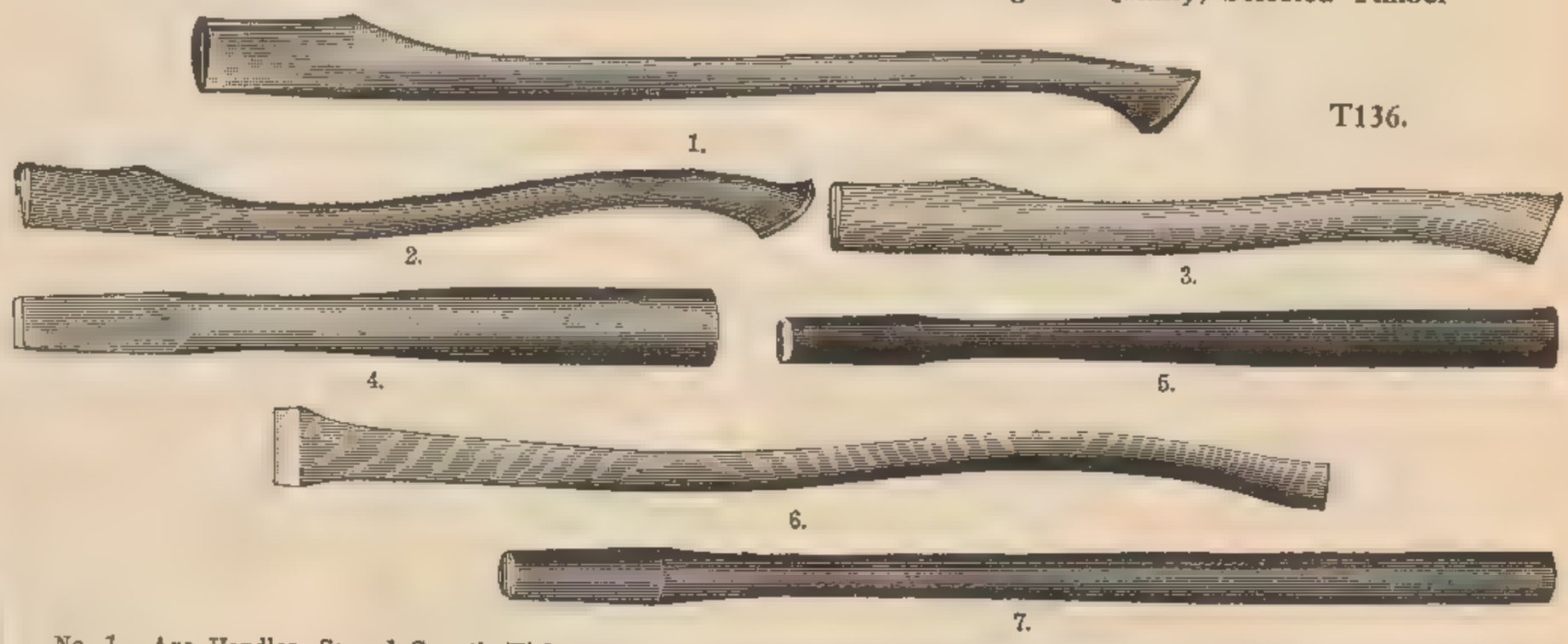


Maul Rings

T135.

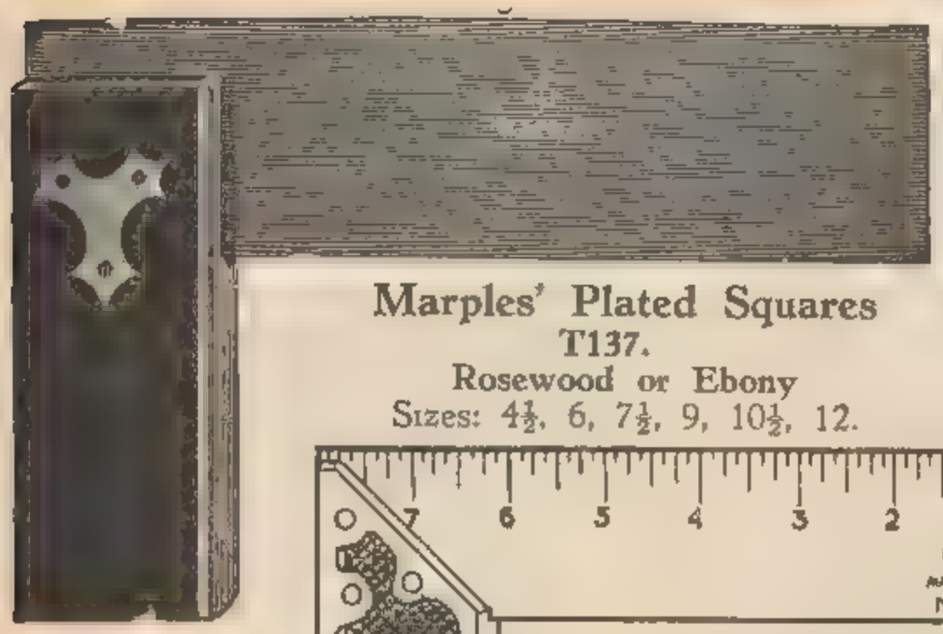
Sizes: 4½", 5".

T136.

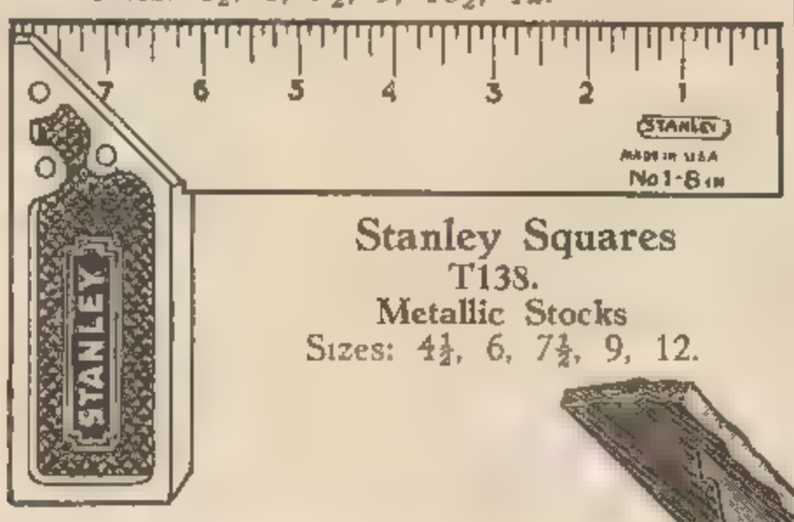


No. 1. Axe Handles, Second Growth Hickory, in No. 1 and Extra Quality.
No. 2. Axe Handles, Hickory, Boys'.
No. 4. Claw Hammer Handles.
No. 6. Adze Handles, Hickory, No. 1.

No. 3. Hatchet Handles, Hickory.
No. 5. Engineers' Hand Hammer Handles, sizes 14, 16, 18, 20, 22, 24, 30, 36 ins.
No. 7. Sledge Hammer Handles, Hickory.



Marples' Plated Squares
T137.
Rosewood or Ebony
Sizes: 4½, 6, 7½, 9, 10½, 12.

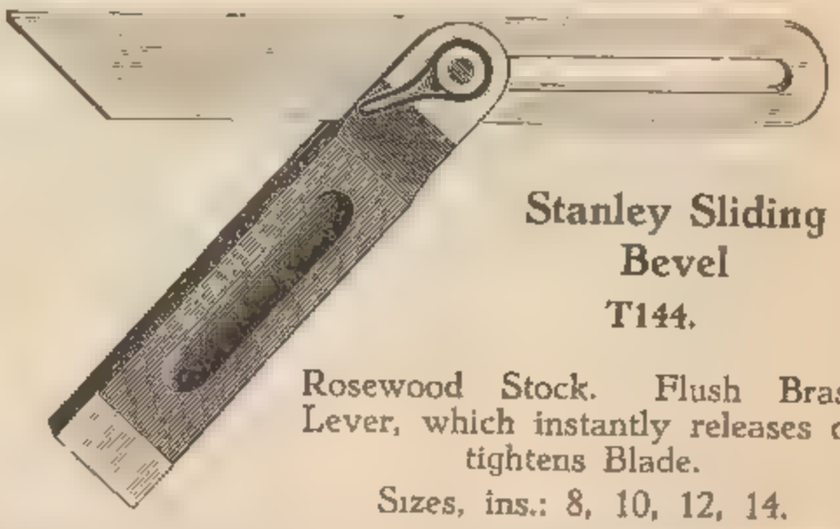


Stanley Squares
T138.
Metallic Stocks
Sizes: 4½, 6, 7½, 9, 12.

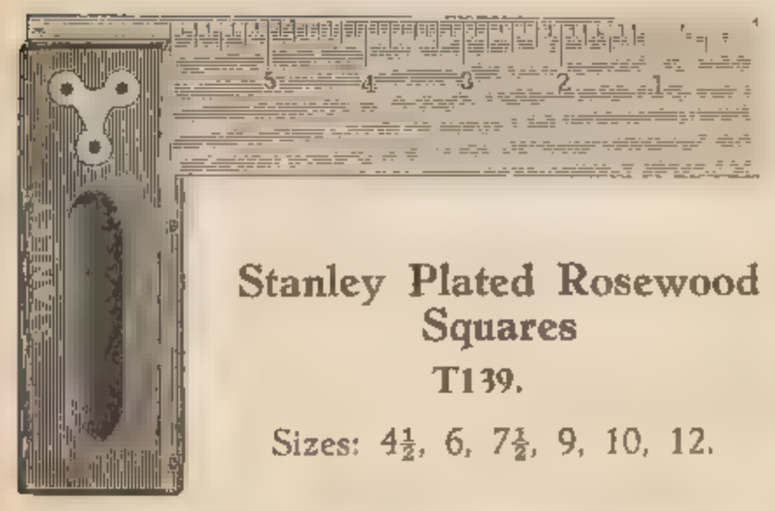
Order by Number — Do Not Cut Catalogue

SQUARES, BEVELS
Precision Made : High Quality

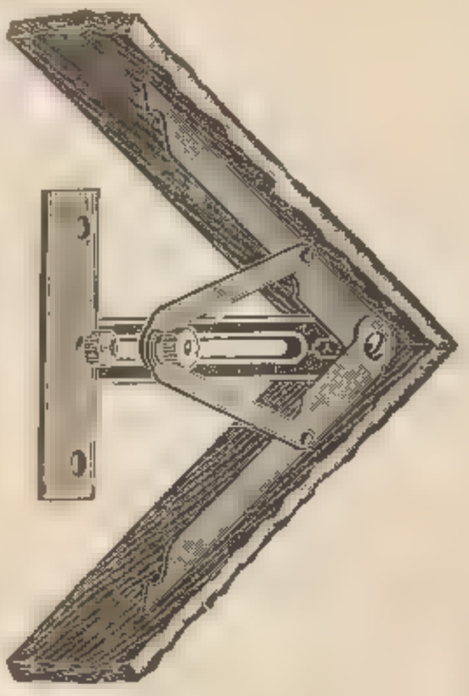
"Eureka" Flush Sliding Bevels
T143.
Special Iron Stock. Nickel Finish. Steel Blade which can be secured at any angle by turning end screw shown at lower end of stock.



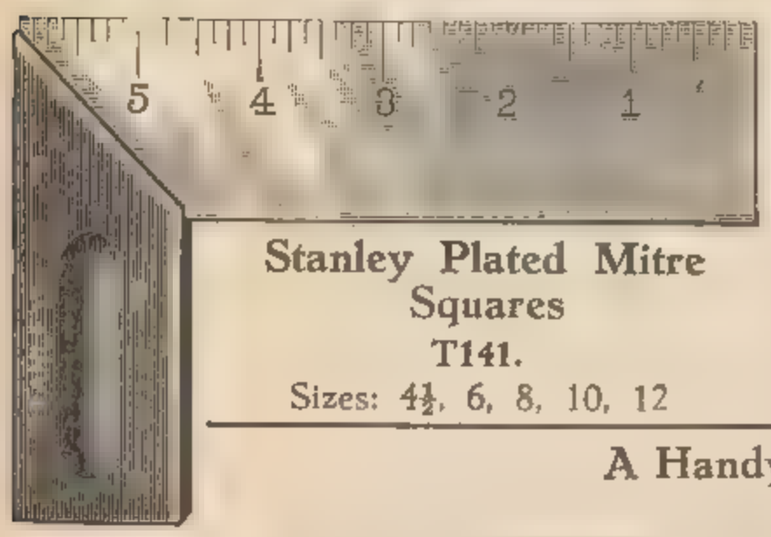
Stanley Sliding Bevel
T144.
Rosewood Stock. Flush Brass Lever, which instantly releases or tightens Blade.
Sizes, ins.: 8, 10, 12, 14.



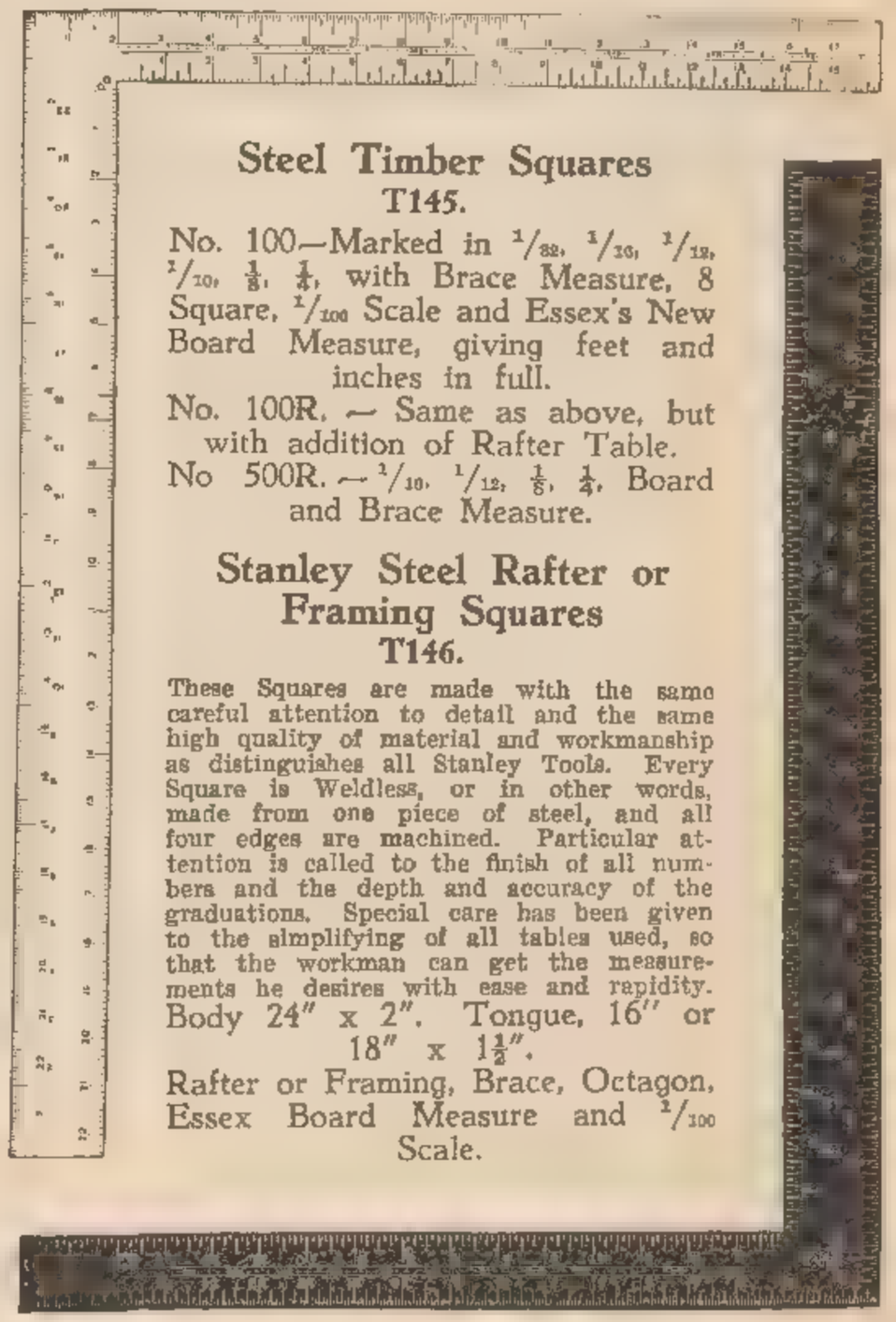
Stanley Plated Rosewood Squares
T139.
Sizes: 4½, 6, 7½, 9, 10, 12.



Stanley Angle Dividers
T140.
With this Tool any angle can be found and bisected. Fitting moulding or other wood work to odd angles can be done with ease and certainty. It is also graduated for the parts of circle commonly used. A handy Tool for laying out work. The Angle Divider is accurately made and can be used as a Try or "T" Square



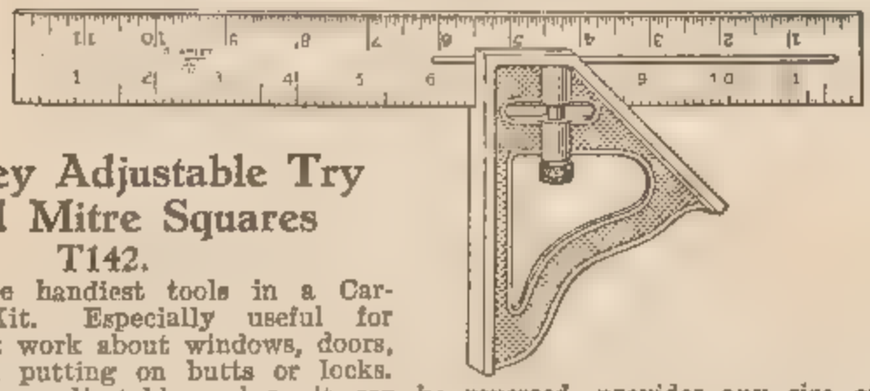
Stanley Plated Mitre Squares
T141.
Sizes: 4½, 6, 8, 10, 12



Steel Timber Squares
T145.
No. 100—Marked in 1/32, 1/16, 1/12, 1/10, ⅛, ¼, with Brace Measure, 8 Square, 1/100 Scale and Essex's New Board Measure, giving feet and inches in full.
No. 100R. — Same as above, but with addition of Rafter Table.
No 500R. — 1/10, 1/12, ⅛, ¼, Board and Brace Measure.

Stanley Steel Rafter or Framing Squares
T146.
These Squares are made with the same careful attention to detail and the same high quality of material and workmanship as distinguishes all Stanley Tools. Every Square is Weldless, or in other words, made from one piece of steel, and all four edges are machined. Particular attention is called to the finish of all numbers and the depth and accuracy of the graduations. Special care has been given to the simplifying of all tables used, so that the workman can get the measurements he desires with ease and rapidity.
Body 24" x 2". Tongue, 16" or 18" x 1½".
Rafter or Framing, Brace, Octagon, Essex Board Measure and 1/100 Scale.

A Handy Tool!

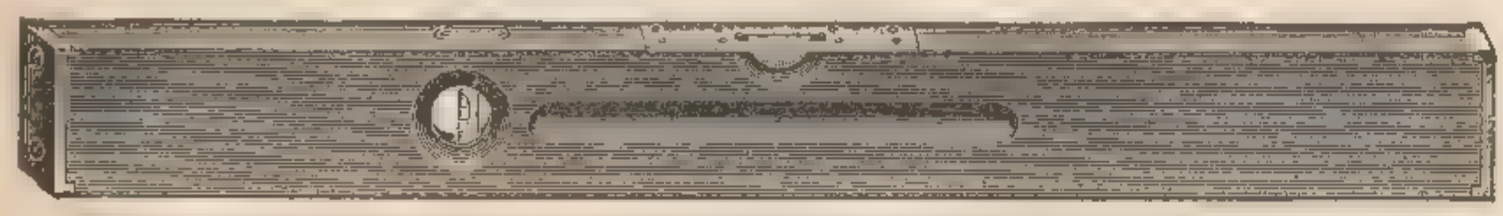


Stanley Adjustable Try and Mitre Squares
T142.
One of the handiest tools in a Carpenter's Kit. Especially useful for doing short work about windows, doors, etc., or in putting on butts or locks.
The Blade is adjustable and as it can be reversed, provides any size of try or mitre square within the capacity of the tool. In reversing, it is not necessary to remove the blade from the handle, consequently the tool is always assembled and ready for use.
The locking device is such as to insure the blade being firmly and accurately secured at any point desired. The edges of the Blade are machined, graduated in 8ths, 16ths and 32nds of inches and the tool is square inside and out.
It is also an excellent depth and marking gauge.
Both Handle and Blade are nickel plated. Made in three sizes.
No. 21—6", 9" and 12" Blade.
Also Stocked—Rabone and L. S. Starrett Try and Mitres.

REMEMBER THE LOWEST PRICE IS NOT ALWAYS ECONOMICAL

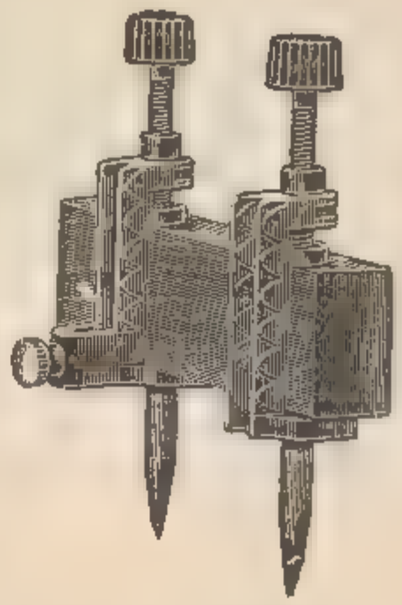
PLUMBS and LEVELS

T147.
Stanley's Plumb and Level
Two side views, Arch Top Plate, Patent Grip
Sizes, inches: 12, 14, 16, 18, 22, 24, 27, 30.



T148.
Stanley's Adjustable Level and Plumb
Plated Ends
Sizes, Inches: 24, 26, 28, 30.

T149.
Stanley's Duplex Levels with Plumbs
Size, Inches: 24, 27, 30; Triple Stock: 27, 30.
Also Stocked: Rabone and Marples' Plumbs and Levels



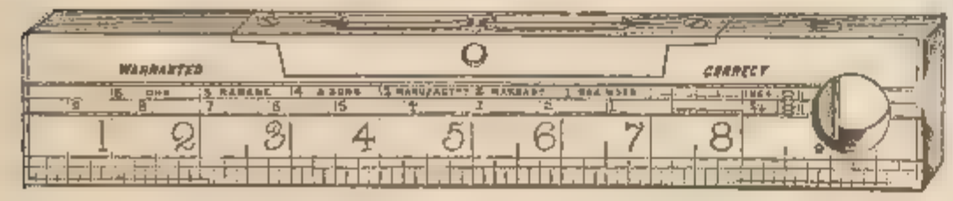
Stanley Trammel Points
T155.
A practical form of Trammel Point adapted for use on an ordinary Carpenter's Rule, and on many kinds of work will take the place of more expensive Trammel Points, Callipers, or Dividers.

Compasses or Wing Dividers
T156.
Sizes: 6, 7, 8, 9, 10, 12 in.

Stanley's Plumb and Level
T157.
Not Adjustable. Two Side Views.
Sizes: 12, 14, 16, 18 in.

Stanley's Level Sight
T150.
Can be attached to any level and afford a convenient and accurate means for levelling at a distance.

Rabone's Boxwood Rule and Plumb Level
T151.
Brass Tipped at Ends
Sizes: 6, 8, 10, 12 in.



Stanley Level Tubes (Centre marked)
T152.
2 in., 2½ in., 3 in., 3½ in., 4 in.
Also Rabone's Plain and Cat's Eyes

Hall Octagon
T153.
Line and Surface Level

Since 1859 John Danks & Son Pty. Ltd. have been the recognized leaders for Tools for all Trades, Builders, Supplies, etc., etc.

Starrett's Levelling Instrument
T158.
Warranted to be true in every respect.
It is adapted for the use of architects, carpenters, stonemasons, and others, for levelling, getting angles, etc. It is made of iron, japanned, except the sight tube, which is of brass, nickel-plated. Directions sent with instrument.

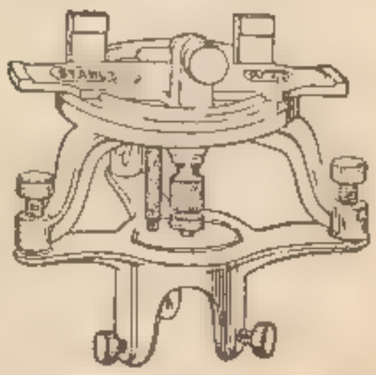
Order by Number—Do Not Cut Catalogue.

T154.

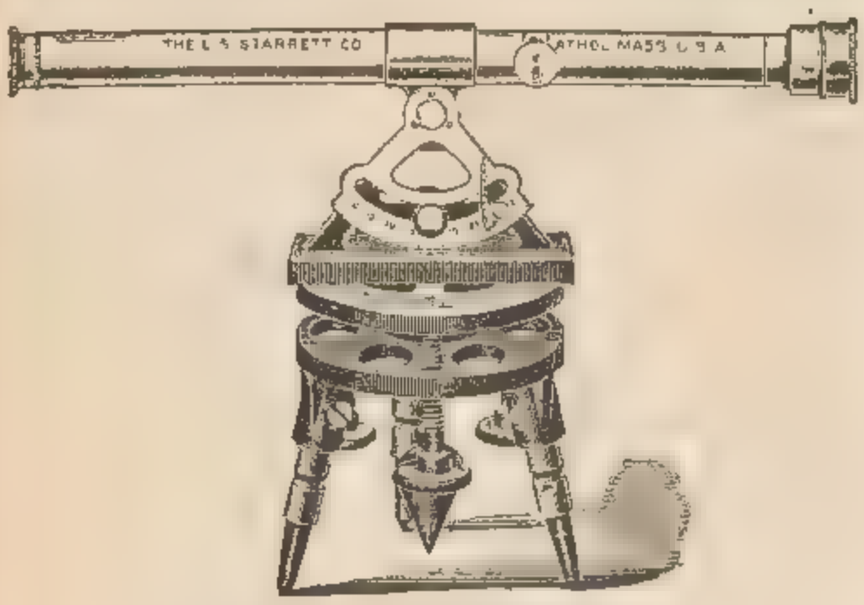
Brass Plumb Bobs

Size	Weight
00	1½ oz.
0	2½ oz.
1	3½ oz.
2	4½ oz.
3	6 oz.
4	8 oz.
5	10 oz.
6	13 oz.

Stanley Levelling Stand
T159.
For determining levels from a given point to one at a distance. It can be attached to a stake and adjusted to a horizontal position even though the stake may not be exactly perpendicular. Nickel plated.



ACCURATE! DEPENDABLE!



STARRETT TRANSIT
T160.

To meet the demands of contractors, builders, carpenters, farmers, and others for a transit and level, low in price, yet sufficiently accurate for their needs, the Starrett transit and level have been developed. These instruments are very simple and free from complications and confusing adjustments.

The instrument is composed of iron and brass, and consists of a tripod, to the head of which is connected by a ball-and-socket joint and upper plate, which can be levelled by the levelling screws.

This plate is recessed to contain a graduated arc for taking horizontal angles. The arc is ⅓ of a circumference, reading 90° each side of 0, and being independent of level and sight tube can be turned and used at any point of a complete circle. On this plate rests a triangular frame to which are attached a level, a graduated arc for taking vertical angles, graduated 45° each side of 0, and a sight tube. The plain sight tube has no lenses, is brass, 12" long; in one end is a small eye aperture, in the other the usual cross wires.

The Telescope has cross lines, is adjustable to distances and is same size and length as plain sight tube. The lens is well protected from dirt and breakage by a friction cap, and a shutter for the eye aperture.

With short legs, as shown in the cut, the instrument is 8" high. With long extension legs, which fasten on over the short legs, the height can be from 2' 8" to 4' 8". The sight tube, level case, and graduated arcs are nickel-plated, the other parts are japanned.

The advantages of this transit are as follows:—The head is held to the tripod with a bolt and knurled nut, so as to make it stationary at any given point; the graduated arc can be clamped to the base plate by throwing a small cam arrangement and a spring indexing finger to mesh in the arc graduations.

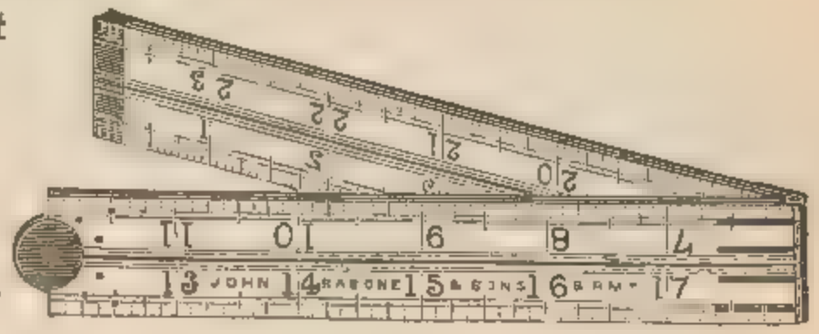
Directions for setting up and using are enclosed with each transit

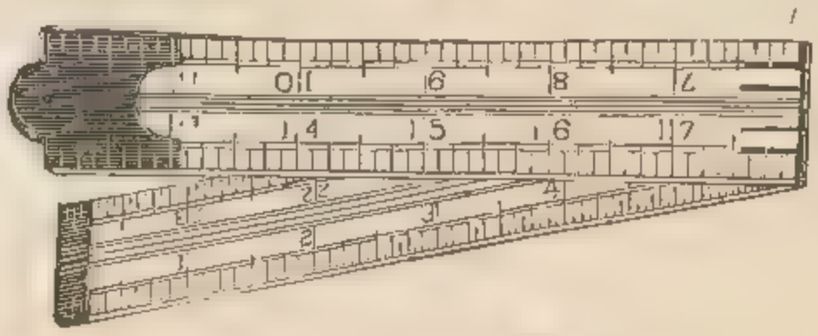
BOXWOOD RULES

Boxwood, Two Feet Four Fold
T167.

Round Joint
T168.
Marked in ⅛", ¼" wide.

Round Joint
T169.
Marked in ⅛" and 1/16, 1" wide.



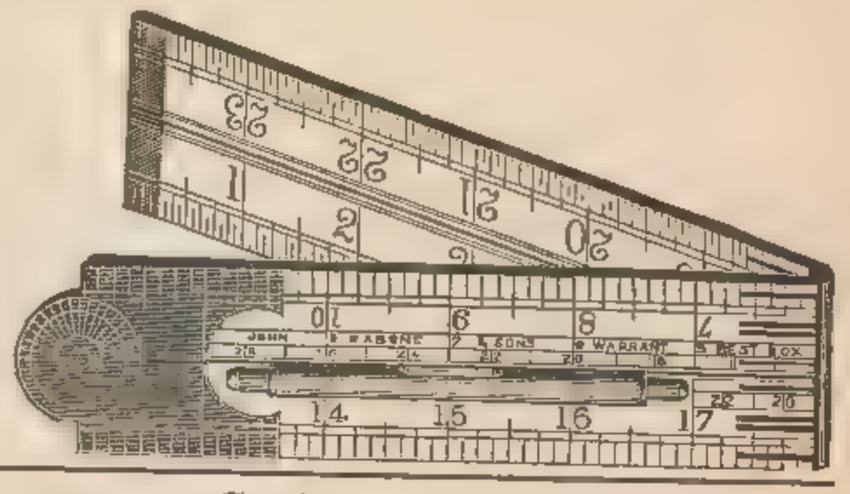


Arch Joint

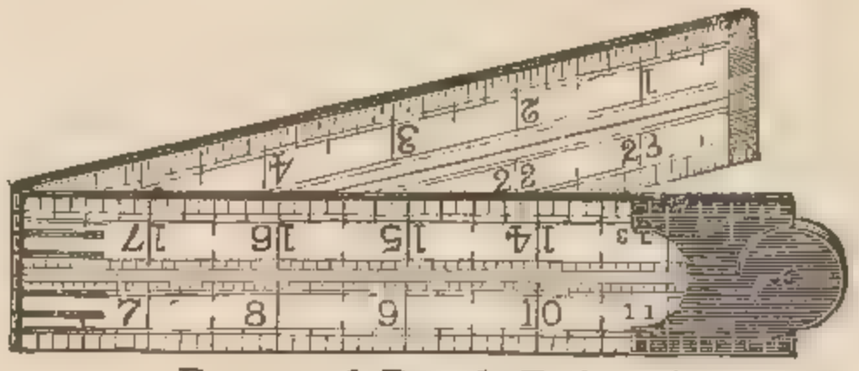
	Width	Markings
T170—	1⅛"	⅛", 1/16", 1/10", 1/12".
T171—	1⅜"	⅛", 1/16", 1/10", 1/12".
T172—	1½"	⅛", 1/16", 1/10", 1/12".

Brass Bound Arch Joint
T173.

With spirit level and degrees on joint. A really handy and indispensable rule.



Make this Catalogue your Guide for all your Needs in Tools and other Supplies.

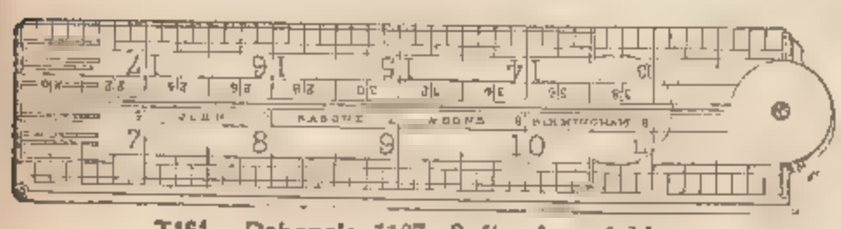


Brass Bound
T174.

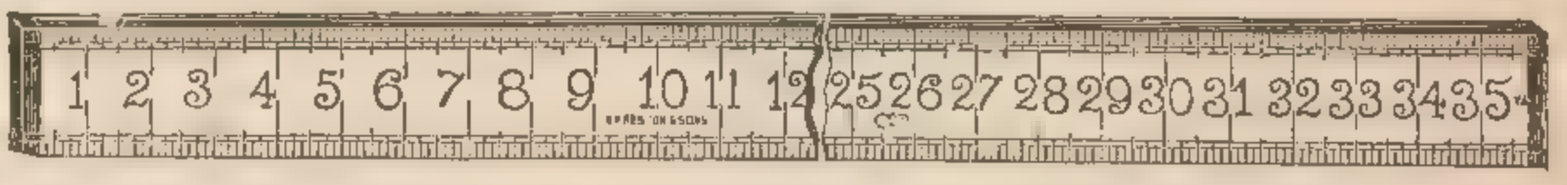
Inside and outside edges Marked ⅛", 1/10", and scale, 1⅜" wide.

Boxwood Bench Rules—Brass Tipped

One Foot, Four Fold, Boxwood

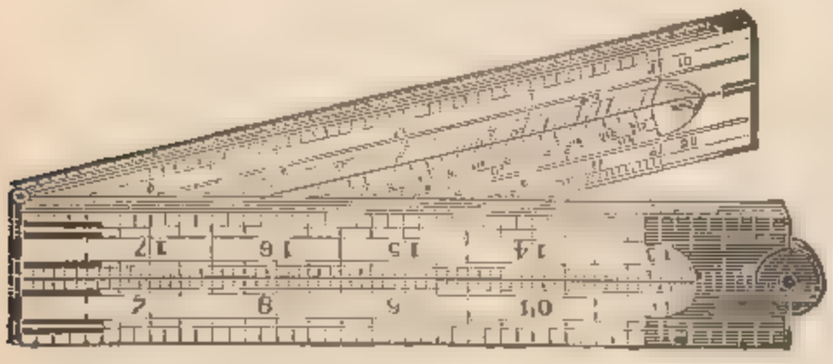


T161.—Rabone's 1167—2 ft., four fold.
T162.— ,, 1167—3 ft., four fold.
T163.— ,, 1112—3 ft., four fold.
T164.— ,, 1113—3 ft., four fold.



Marked in ⅛".
T175. 1½" wide x ¼" thick, 48" long.
T176.—1" wide x 3/16" thick, 24" long. T177.—1¼" wide x 3/16" thick, 36" long.

Boxwood Rules, Three Feet Four Fold

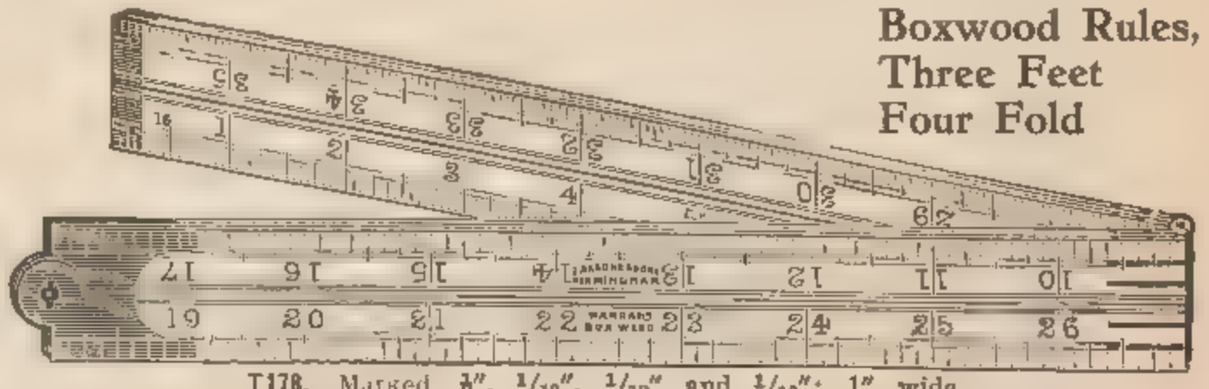


Arch Joint, Bevelled Edges
T165.

Edge Plates, Bevelled Edges, with eight scales; 1⅛" wide.

Arch Joint
T166.

German Silver Mounts, Bevelled Edge, eight scales; 1" wide.



T178. Marked ⅛", 1/10", 1/12" and 1/16"; 1" wide.
T179.—Marked ⅛", 1/10", 1/12" and 1/16"; 1⅛" wide.
T180. Marked ⅛", 1/10", 1/12" and 1/16"; 1½" wide.
Also 4 feet, Four Fold.

Blindman's Rule
T181.

1⅛" wide, square joint, with figures deeply marked in indelible black. A useful Tool for use in defective light, or for those with poor eyesight.

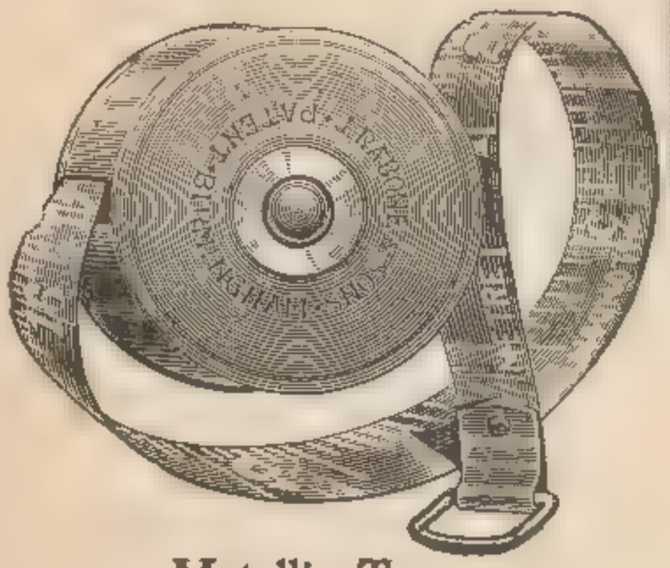
RABONE'S IVORY RULES, Plain and Bevelled Edges, also in stock.

PLEASE WRITE TO US FOR ANY TOOLS NOT LISTED IN THIS SECTION

JOHN DANKS & SON PTY. LTD.

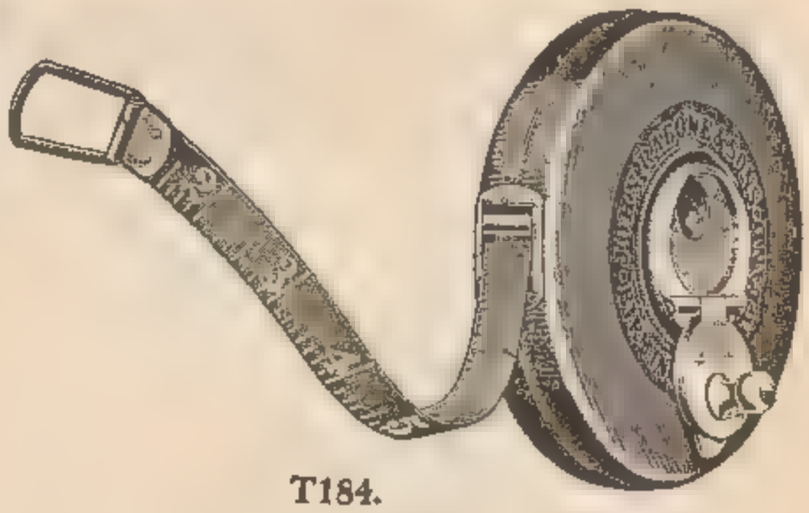
MELBOURNE AND SYDNEY

STEEL TAPES, SURVEYORS' BANDS



Metallic Tapes
T182.
33 ft. and 66 ft.
Marked Feet and Inches one side and Links or Decimals the other.
Also Linen Measures in 33 ft., 66 ft. and 100 ft.

Surveyors' Bands
T183.
On Frame. ½" wide.
Etched feet (inches in ⅛") and links. Every Foot and Link numbered. 66 ft. and 100 ft.



T184.
Rabone's Steel Tapes
In Leather Cases. Flush Handles.
Marked Feet and Inches on one side and Decimals on other
⅝" wide: 33 feet, 66 feet, 100 feet.
½" wide: 33 feet, 66 feet, 100 feet.
T185.—RABONE'S STEEL TAPES
Flush Handles. German Silver Mounts.
¾" wide: 100 feet.

Marking, Morticing & Cutting Gauges

T186.

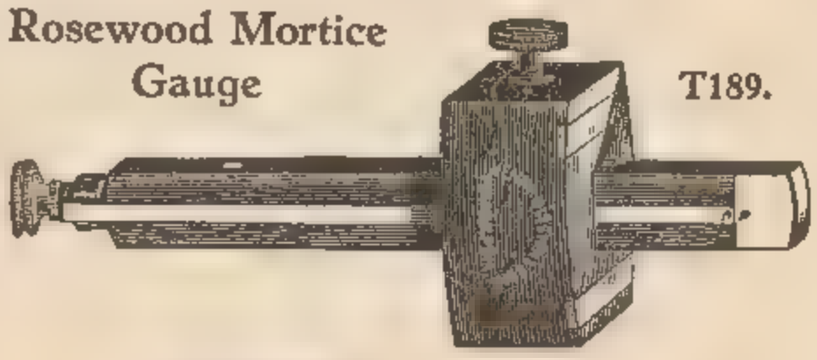
Brass Plated Marking Gauge

T187.

Beech Marking Gauge

T188.
Boxwood Marking Gauge
With Rule Marked Beam

Rosewood Mortice Gauge

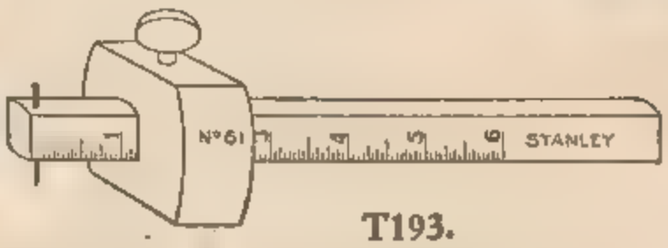


T189.

T190.
Ebony Brass Stem Mortice Gauge

T191.
Oval Mortice Gauge
Rosewood

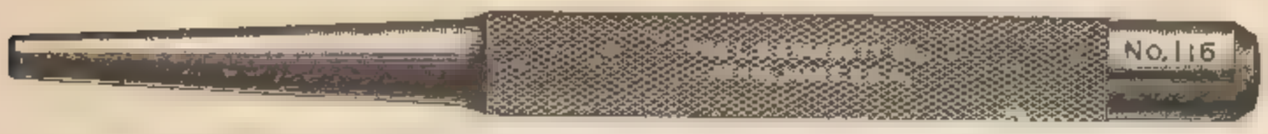
Cutting Gauge
T192.
(Similar to illustration, but with Plated Head.)



T193.
Stanley Beech Marking Gauge
Finest Durable Quality.

T194.
Stanley Metal Marking Gauge
Nickel Plated. Graduated.

T194a. Starrett's Nail Sets



Made of Fine Grade Steel. Concave Top. Both Ends Hardened.
Length, 4". 1/16", 3/32", ⅛", 5/32".

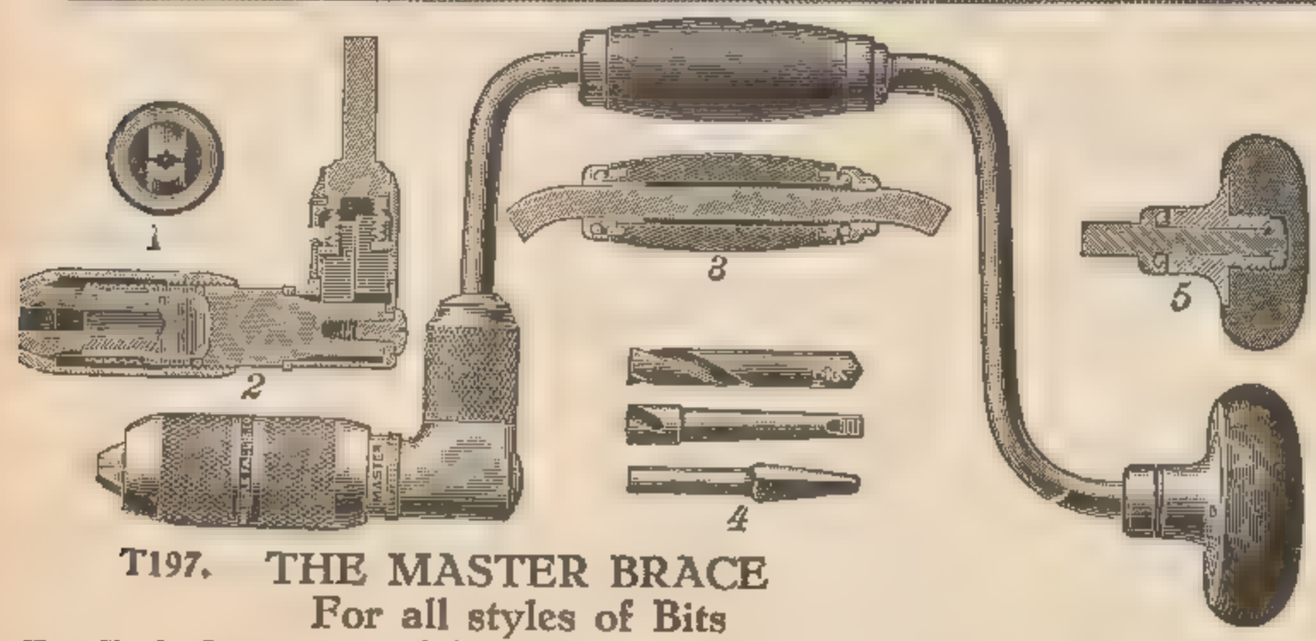
T195. Moore and Wright
NAIL SETS
These Nail Sets are made from a very high grade of ⅜" round tool steel about 4" long. The centres are knurled and the points are cupped. These Nail Sets are very carefully hardened and are tempered their entire length. Blue Finish. Made with 1/16", 3/32", ⅛", 5/32" or assorted points.

Cast Iron Glue Pots
T196.
TINNED INSIDE
Sizes in Pints: ¼, ⅜, ½, 1¼, 1½, 2, 2½, 3.

FOR GARDEN TOOLS, See Garden Tool Section, Pages 185 to 193.

AMATEUR OR ARTISAN, WE CAN SUPPLY YOUR REQUIREMENTS

Braces, Bits, Augers, etc.

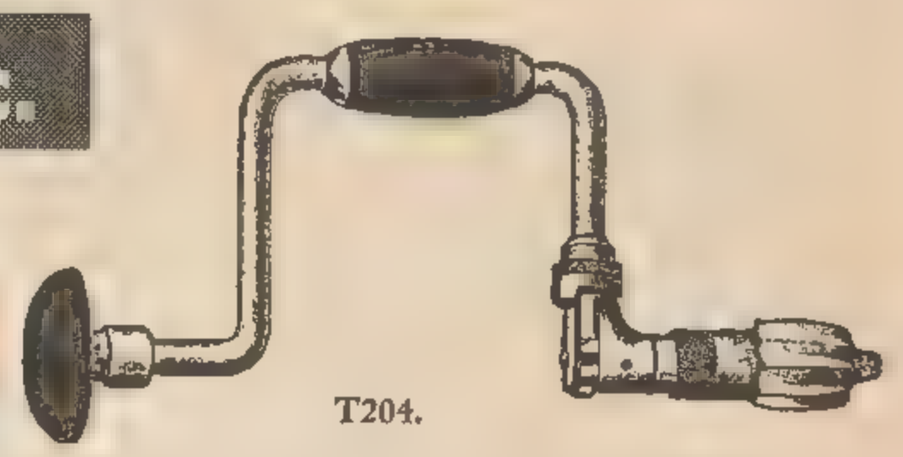


T197. **THE MASTER BRACE**
For all styles of Bits

The Chuck Jaws open parallel, except when used for holding Taper or Bit Stock Shanks, when they adjust themselves exactly to the shape of Bit or Piece to be held. Thus they will hold securely straight Shanks from ½" down to ⅛", and all styles and sizes of Bits and Tapers and irregular shaped Shanks.
Sizes: 8, 10, 12.

Ball Bearing Head and Centre Handle

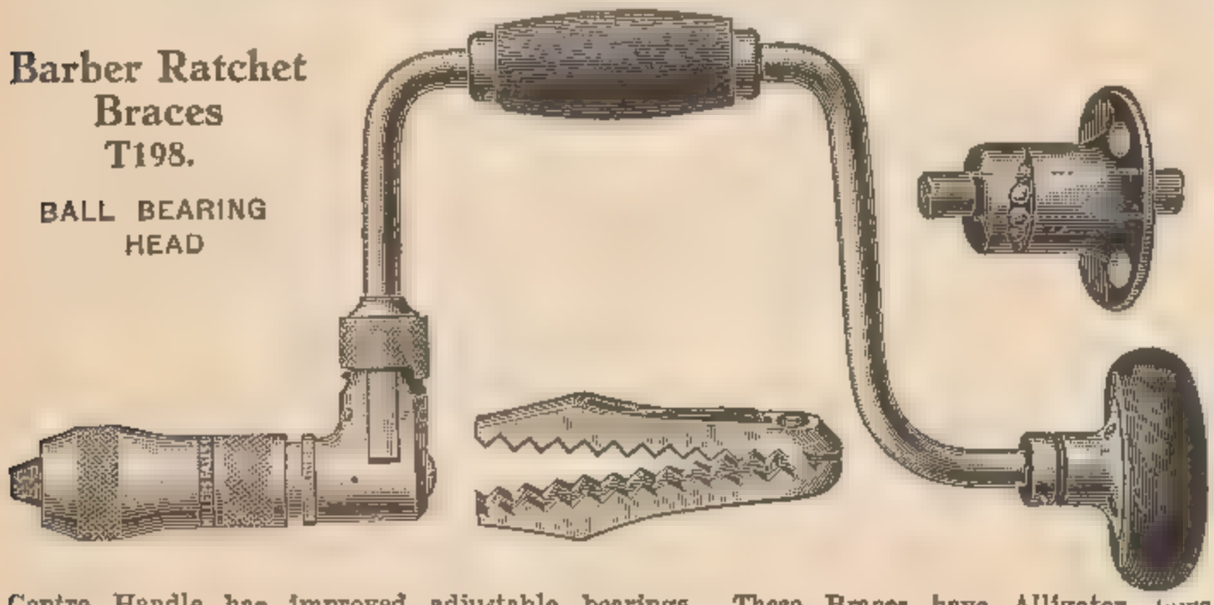
The Head and Centre Handle are fitted with Ball Bearings—the Ball-Bearing Handle being unique and very desirable. Finished in best style and warranted throughout.



T204.

Chapman's Ratchet Braces

No. 17— 10" sweep, teakwood head and grip, ball-bearing head, steel sweep, nickel-plated hardened alligator jaws, hexagon shell.



Barber Ratchet Braces
T198.

BALL BEARING HEAD

Centre Handle has improved adjustable bearings. These Braces have Alligator Jaws, are well made and fully nickelled.
Sizes: 8, 10, 12.

Mathieson's Split Socket Braces
T205.

Sizes: 8, 10, 12.

T206.

Universal Angular Bit Stock

Used in connection with a Brace and Bit for boring holes in places where a Brace and Bit could not be used. Angle can be varied from straight to the angle shown.

Mathieson's Dowel Plates

3/16", ¼", 5/16", ⅜", ½".

T207.

Snell-Clark Expansive Bits

T199.

No. 1—With two cutters, one boring from ½" to ⅞", and the other from ⅞" to 1½".
No. 2—With two cutters, one boring from ⅞" to 1¾", and the other from 1¾" to 3.

EXTRA CUTTERS FOR EXPANSIVE BITS

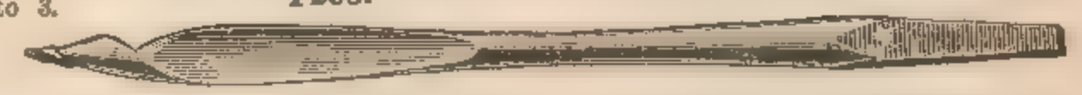
No. 1—Cuts ½" to ⅞". No. 2—Cuts ⅞" to 1½". No. 3—Cuts ⅞" to 1¾".
No. 4—Cuts 1¾" to 3".

NOTE.—Nos. 1 and 2 Suit No. 1 Bit: Nos. 3 and 4 suit No. 2 Bit.

Gimlet or Nail Bits

3/32" to 12/32".

T208.



T200.

Mathieson's Solid Steel Centre Bits

Size: ¼", 5/16", ⅜", 7/16", ½", 9/16", ⅝", 11/16", ¾", ⅞", 1", 1 1/16", 1⅛", 1 3/16", 1¼", 1⅜", 1½", 1¾", 1⅞", 2".

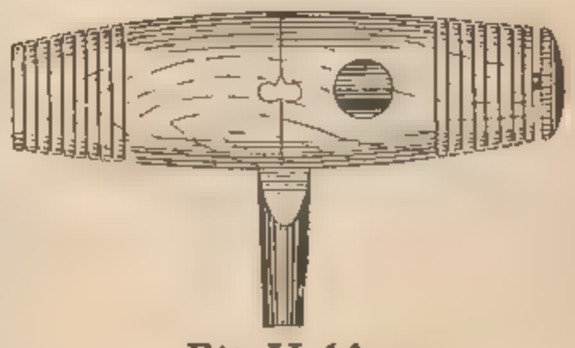
Cleveland Wood Bits
T201.

Do not split the wood, and will drill through Nails, etc.
NOTE.—The sizes indicate 32nds of an Inch.

Sizes: 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16.

T202. **Mathieson's Dowel Bits**
Sizes: ⅜", 7/16", ½", ⅝".

T203.
Dowel Sharpeners



Bit Holder
T209.

Will hold any Bit with Square Shank.

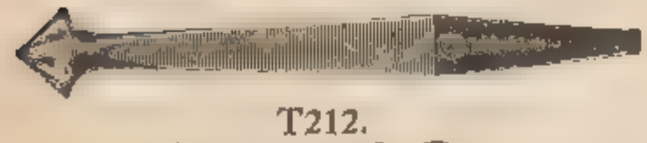
DANKS OFFER QUALITY TOOLS AT COMPETITIVE PRICES

JOHN DANKS & SON PTY. LTD.

MELBOURNE AND SYDNEY

T210.
Countersink Bits
For Wood

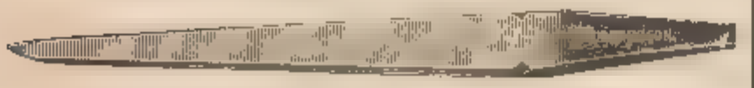
T211.
Countersink Bits
For Iron



T212.
Countersink Bits
For Brass

T213.
Turnscrew Bits
Assorted Sizes

T214.
Square Rinder Bits



T215. **Half Round Rinder Bits**

T216. **Ford's Auger Bits**

These Auger Bits have a single twist and extension lip; are fast and clean cutting and can be used on hard and soft timbers.
Sizes: 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 3/4", 7/8", 1", 1 1/8", 1 1/4".

T217. **Mathieson's Screw Augers**

Finest quality obtainable.
Sizes: 1/4", 5/8", 1/2", 9/16", 5/8", 3/4", 7/8", 1", 1 1/8", 1 1/4", 1 1/2", 1 3/4", 2", 2 1/2", 3".

T218. **Single Twist or Bull Nose Augers**

Sizes: 1/4", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1 1/16", 1 1/8", 1 3/16", 1 1/4".

T219. **Irwin's Solid Centre Auger Bits**

With Extension Lip for soft wood.
Sizes: 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 1", 1 1/16", 1 1/8", 1 1/4".

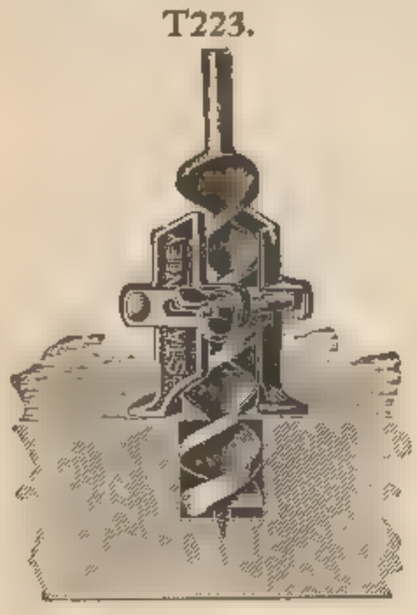
T220. **Mathieson's Double Twist Auger Bits**

Sizes 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1 1/8", 1 1/4".

T221. **Mathieson's Waggon Bits**

Sizes: 5/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4".

Stanley Bit Stop
T223.



Will fit all size bits from 3/8" to 1".

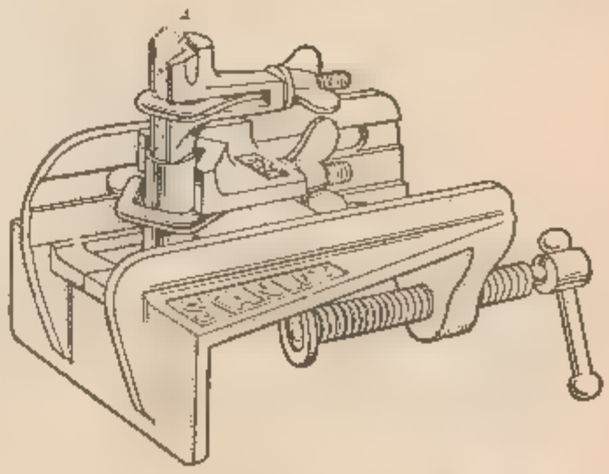
Stanley's Dowelling Jigs
T222.

This tool is for the purpose of enabling the user to bore dowel holes in the edge, end or surface of work with ease and accuracy. It will take any thickness of material up to 3". It is also an excellent bit guide for mortising

With the Dowelling Jig the steel guide is automatically set to guide the bit properly when the Jig is clamped to the work.

A depth gauge is also furnished which can be used with or without the Jig. When used without the Jig, the gauge should be set with the large end towards the point of the bit, but in using same with the Jig it should be set with the small end down, as shown in the cut. These Jigs are made entirely of metal, the working parts being milled true. All parts are nickel plated.

No. 59, with 5 Guides (1 each 3/8", 5/16", 5/8", 7/16" and 1/2").
No. 60, with 9 Guides (1 each 3/8", 5/16", 5/8", 7/16", 1/2", 9/16", 5/8", 11/16" and 3/4".



T224.
Tyzack's Beechwood Handled Bradawls
Guaranteed Quality.

T225.
Mathieson's Twist Gimlets

Cleveland Wood Bits in Sets
T226.

Box containing 1/8", 3/32", 3/16", 7/32", 3/8", 5/16", 5/8", 1/2".

Set of Wood Bits
T227.

This set consists of the following sizes Wood Bits:—

1/16", 3/32", 1/8", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8".

The round polished hardwood box that goes with this set is 2 1/2" in diameter and 8 3/4" long.

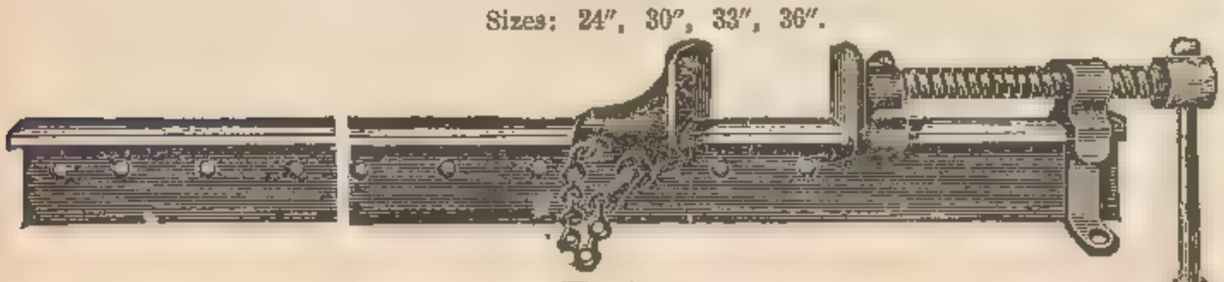
Do Not Cut Catalogue— Order by Number!

For GARDEN TOOLS, See Pages 185 to 193 - - - A Great Range!

GIVE US AN OPPORTUNITY TO QUOTE YOU FOR YOUR REQUIREMENTS

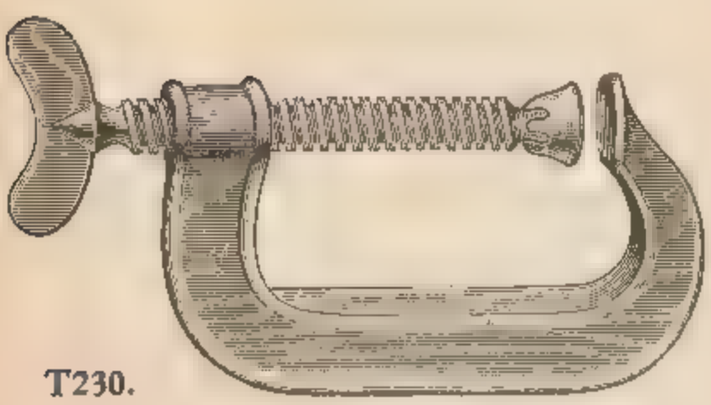
Sash and Joiners' Cramps

T228.
Steel Bar Sash Cramps
Polished
Sizes: 24", 30", 33", 36".

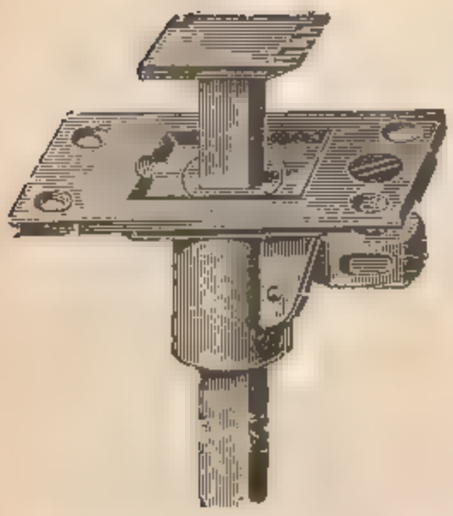


T229.
"T" Section Joiners' Cramps
These Cramps are made from specially drawn tough Steel Bars with "T" edge, and are made in light and heavy section.

Light—Sizes	36"	42"	48"	54"	60"
To take in ..	30"	36"	42"	48"	54"
Heavy—Sizes	48"	54"	60"	66"	72"
To take in ..	42"	48"	54"	60"	66"



T230.
Malleable Iron "G" Cramps
These cramps are exceptionally strong, having a malleable iron frame and steel screw. The adjustable washer works on a ball at end of screw, thereby conforming to irregular pieces of work.
Sizes: 3", 4", 5", 6", 7", 8", 10", 12".

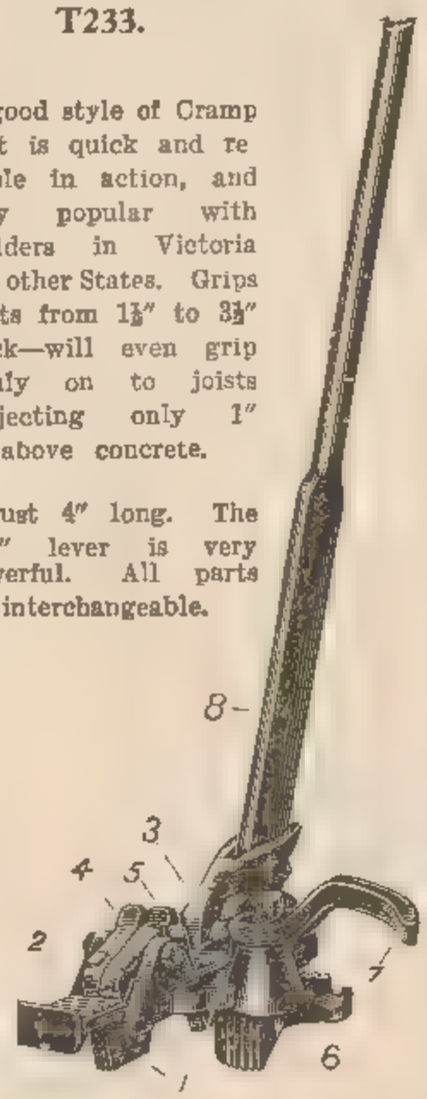


BENCH Stops
(Above) T231.
(At left) Morrills' Pattern
T232.

The Little Booster Flooring Cramps
T233.

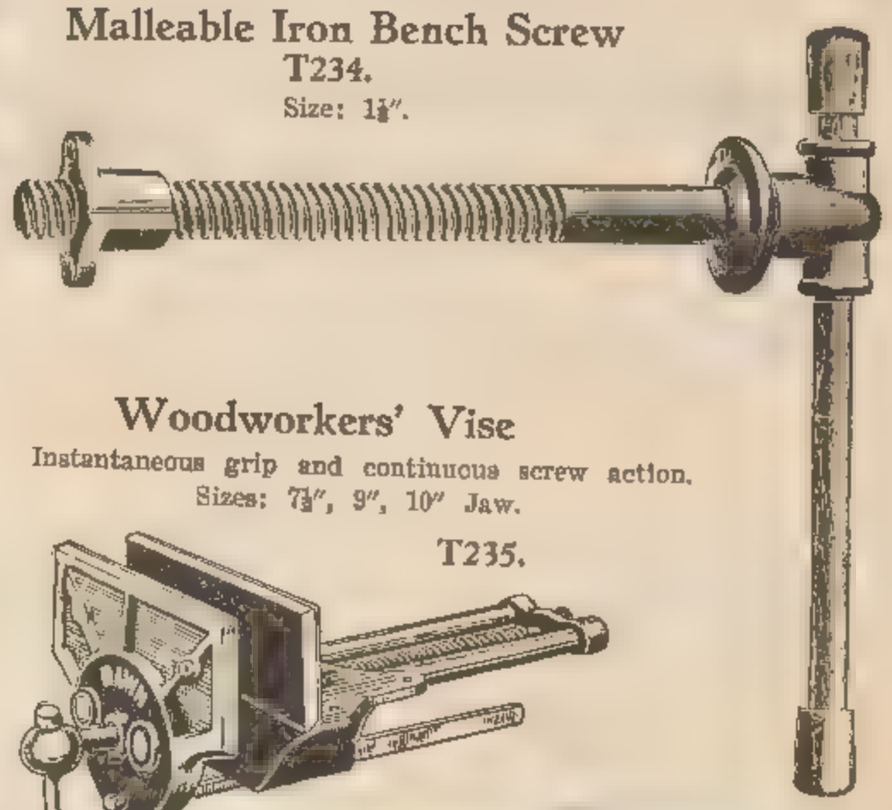
A good style of Cramp that is quick and reliable in action, and very popular with builders in Victoria and other States. Grips joists from 1½" to 3½" thick—will even grip firmly on to joists projecting only 1" above concrete.

Thrust 4" long. The 2' 6" lever is very powerful. All parts interchangeable.



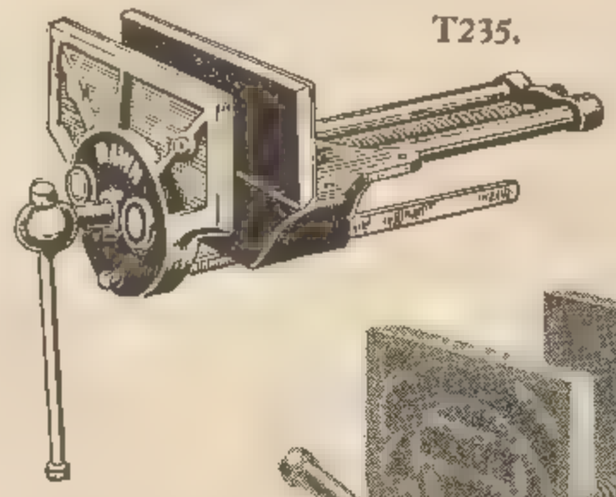
Made of Crucible Steel parts and Mild Steel Lever. Does away with stooping. A special feature is that Ram (2) can be held at every half tooth—equal to ⅛". The few simple instructions are on each Cramp.

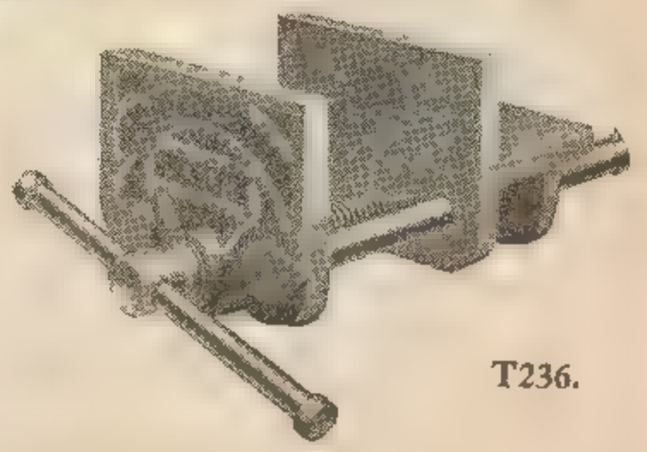
Malleable Iron Bench Screw
T234.
Size: 1½".



Woodworkers' Vise
Instantaneous grip and continuous screw action.
Sizes: 7½", 9", 10" Jaw.

T235.

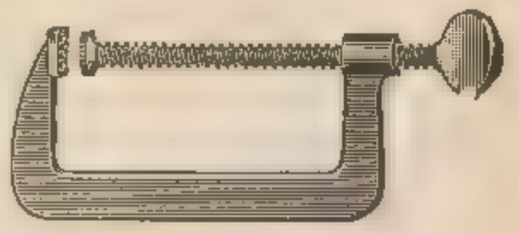


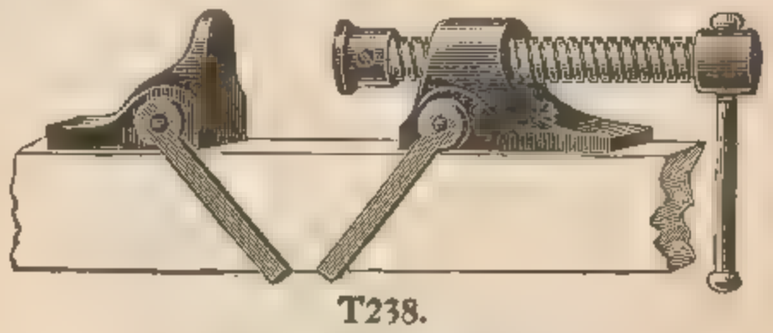


"The Dawn" Junior Vise
5" Jaw

T236.

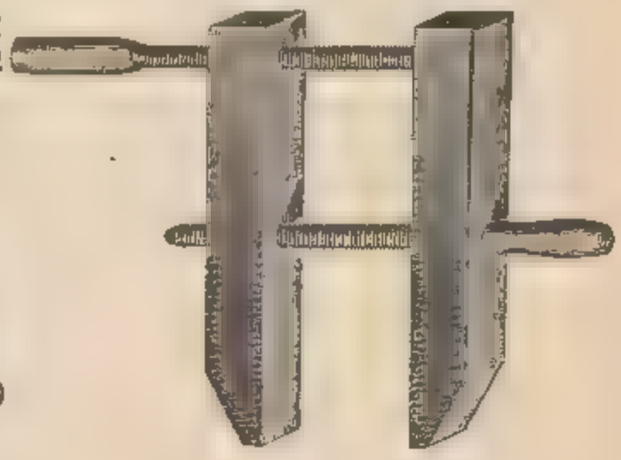
English "G" Cramps
T237.
Malleable Iron Frame. Steel Screw.
Sizes: 3", 4", 5", 6", 7", 8"





T238.
Joiners' Cramp Heads
No. 1—To suit planks 1¾" x 4".
No. 2—To suit planks 2½" x 5½".

T239.
Carpenters' Never Leak Oil Cans
Solidly Made, Patent "Never Leak" Spout.



Bench Hand Screws
T240.
Sizes: 8", 10", 12".

For ENGINEERS' TOOLS, See Pages 156 to 182.

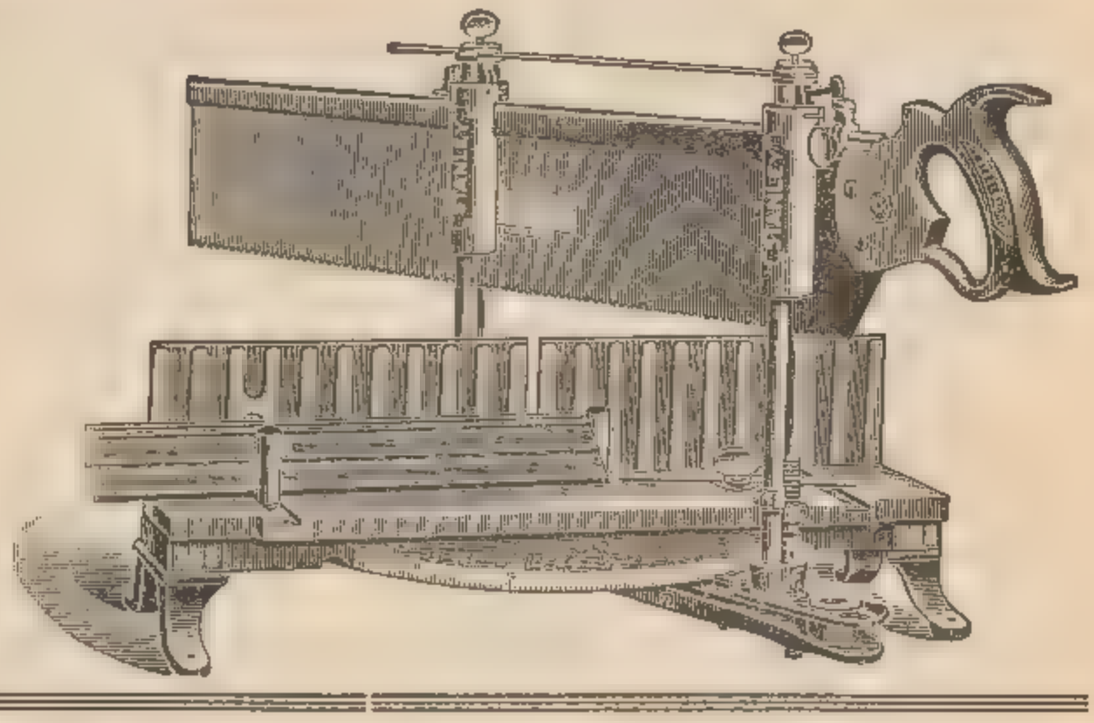
THE "STANLEY" IMPROVED MITRE BOX

T241.

The Saw Guide uprights are Steel Rods, and carry the Saw Guide Cylinders in which the Saw works.

Automatic catches at the top of the Saw Guides hold the saw locked and clear of the work when not in use, allowing the operator to use both hands when placing the work.

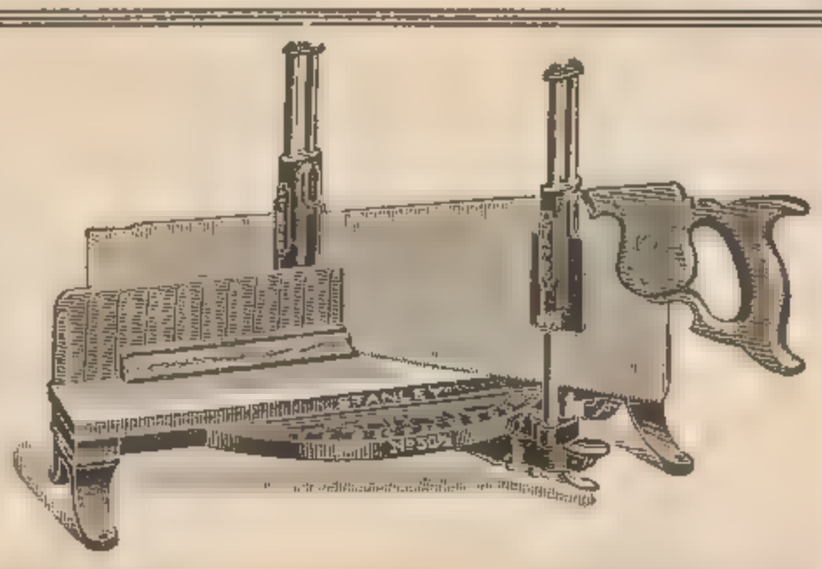
Movable Stops are attached to the Saw Uprights, which can be set so as to permit the Saw to cut only to the desired depth, or to prevent cutting through the base board.



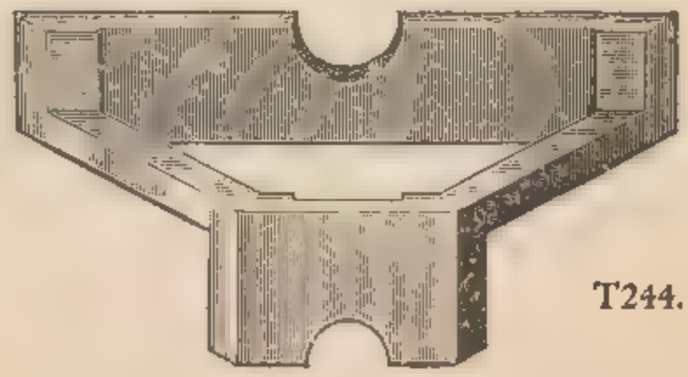
Stanley Mitre Box

T242.

The Back and Frame Indexed Quadrant and Swivel Arm Bearing are in one piece, and accurately machined. The Quadrant is accurately indexed for cutting Multi-sided Pieces, and will remain mathematically correct. The Swivel Arm can be set at any point between the Index Holes on the Quadrant by means of the Clamping Set Screw on the Swivel, just back of the Front Saw Guide Upright. Can be used with a Panel Saw or Back Saw equally well. Will take Mouldings up to 4".



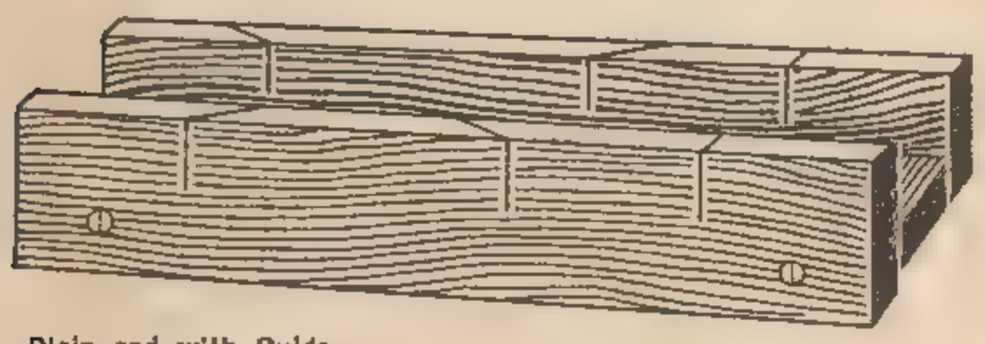
Brass Mitre Templates



T244.

These Mitre Templates are very useful for all kinds of mitreing purposes. They are accurately made of brass, and of superior finish.

Sizes: 3¼ and 5¾.



Plain and with Guide

T243.

Marples' Mitre Boxes

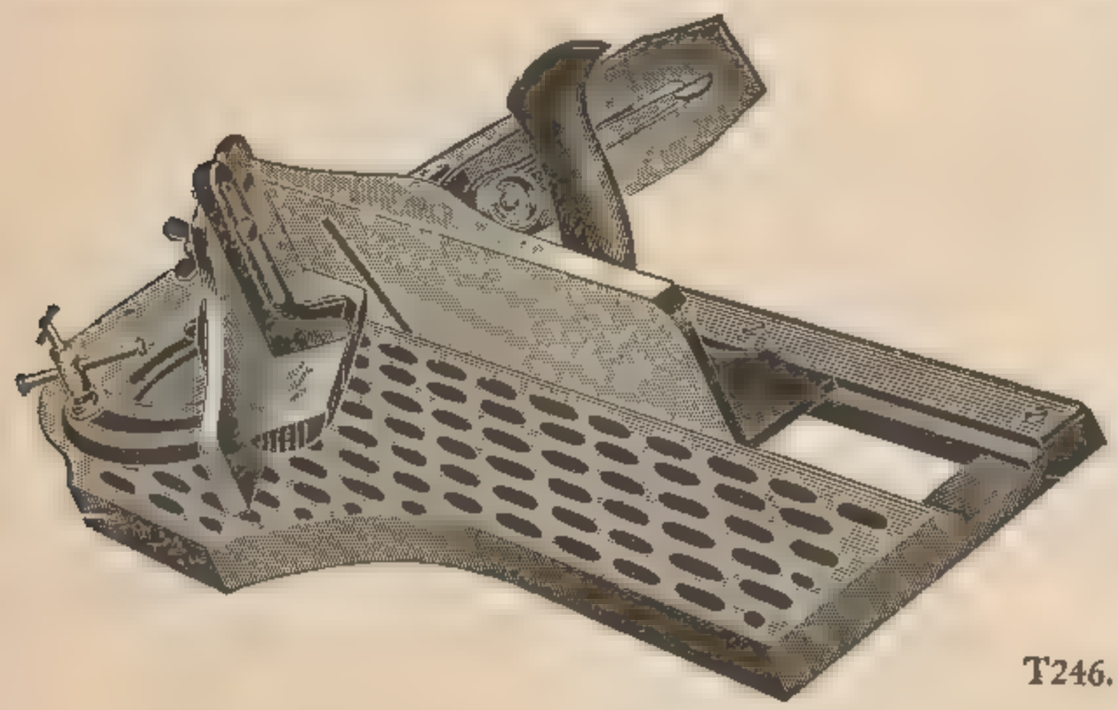
In well seasoned Hardwood.

DRAW KNIVES

Marples' Amateurs, Draw Knives

Sizes: 5", 6".

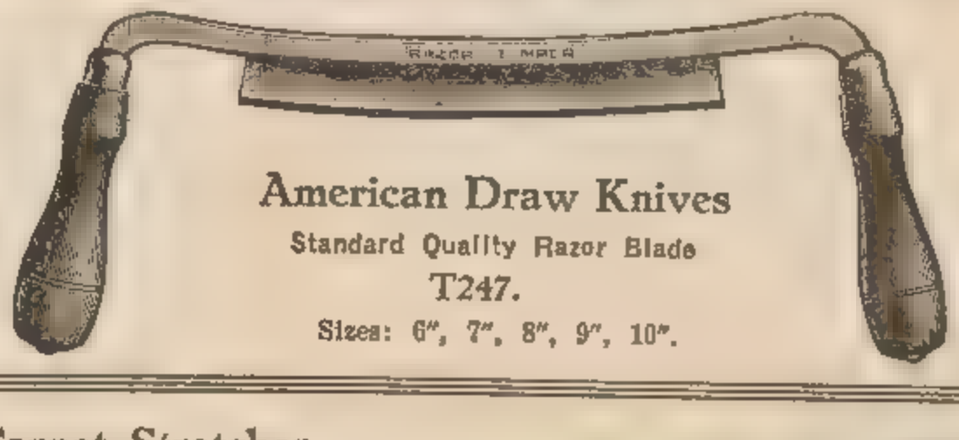
T245.



T246.

STANLEY CHUTE BOARD AND PLANE

This is a very important tool, especially for Pattern Makers, Cabinet Makers, Printers and Electrotypers. The board is made of iron, and has an adjustable runway for the Plane. The swivel is indexed for cutting a square and a mitre, but by means of the Clamping Screw, can be set at any desired angle from 0 to 90°.



American Draw Knives

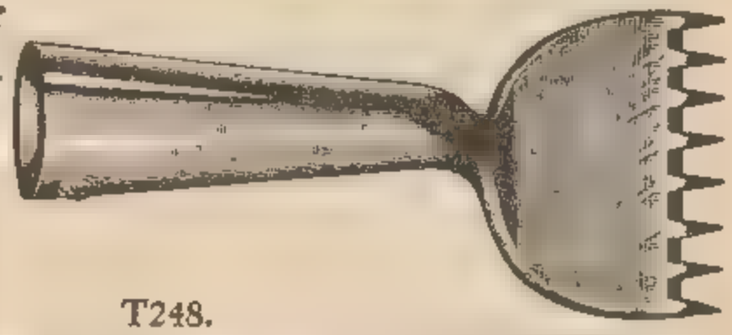
Standard Quality Razor Blade

T247.

Sizes: 6", 7", 8", 9", 10".

Carpet Stretcher

Head only, or Complete.



T248.

T249.

Sets of Steel Figure and Letter Punches

Sizes: 1/16", ⅛", 3/16", ¼", 5/16", ⅜", ½".

Steel Name Stamps

T250.

Initials and Names to order.

ASK FOR OUR QUOTATION FIRST

T251. India Oil Stones

Very Quick Cutting. The favourite stone for mechanics.
Plain—Sizes: 6" x 2" x 1", 7" x 2" x 1", 8" x 2" x 1".
Combination, Medium and Coarse—Sizes: 7" x 2" x 1", 8" x 2" x 1".

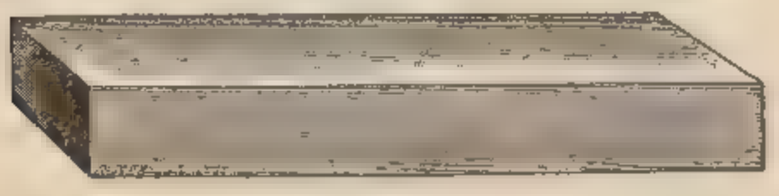
T252. Washita Oil Stones

No. 1—A good quality stone for general use.
Lilywhite—The finest selection of Washita procurable.
Average weight of Stone, 1 lb. 4 ozs.

T253. Genuine Turkey Stones

Best Quality. The favourite stone for sharpening Sheep Shears.
Pieces 5" to 8" long, 1¾" to 2" wide, ¾" to 1¼" thick.

T254. Hard "Arkansas" Stones



A very hard stone, suitable for giving a keen edge to Engravers' and Watchmakers' Tools. Also Dentists' and Surgeons' Instruments.
Supplied in Blocks 5½" to 8" long, 1¾" to 2" wide, ¾" to 1" thick.

T255. Carborundum Oil Stones

These Stones are practically unequalled for putting a keen edge on Carpenters' and Mechanics' Tools. Being porous they may be modified in their cutting by filling with vaseline. They may be thoroughly cleaned when filled up with oil and grit, by being placed in a fire without any injury to the stone.

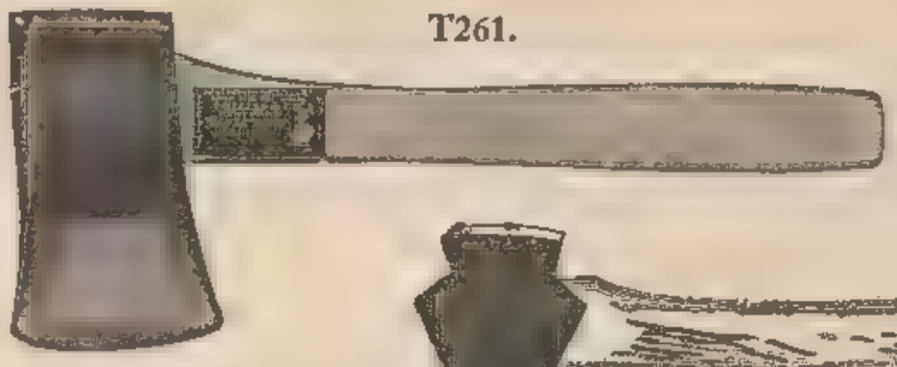
T256. Carborundum Razor Hones

Fine or Medium Cut. Plain: 6" x 2" x ¾", 8" x 2" x 1".
Combination: 6" x 2" x 1", 8" x 2" x 1".

T257. Quick Cut Oil Stones

Made of Turkish Emery. Combination of coarse and fine grits. This stone is made with one side coarse, for fast cutting, and the other for putting on a fine edge. A satisfactory, medium-priced stone for general use. Sizes: 7" x 2" x 1", 8" x 2" x 1".

T261. Hunters' Hatchets



Brades' or Green Mountain.

T262. Bench Hatchets

Nos. 1, 2, 3, 4.

Plumb's Axes T263.

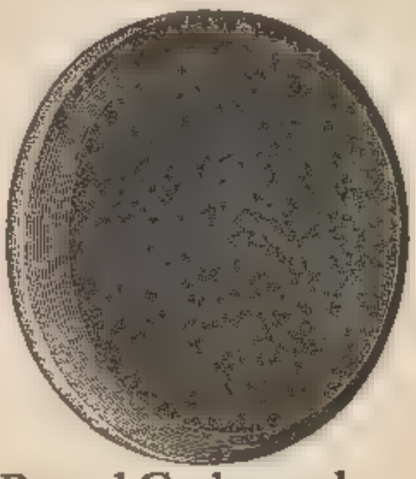
Tasmanian Pattern
Weight: 4, 4¼, 4½, 5 lbs.

Brades' Axes T264.

Tasmanian Pattern
Weight: 4, 4¼, 4½, 5 lbs.

GRINDSTONES

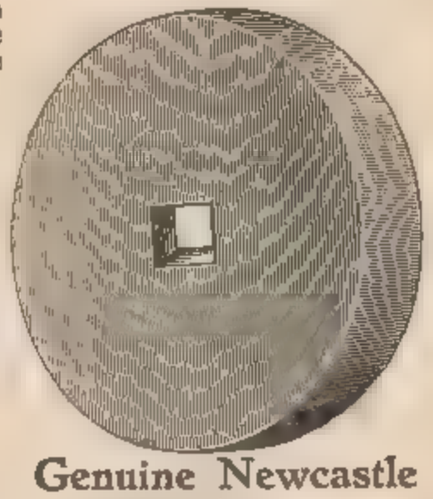
Axe Stones T258.



Round Carborundum Axe Stones

A favourite with Wood Choppers.
One side fine, other side coarse.

T259.



Genuine Newcastle Grindstones

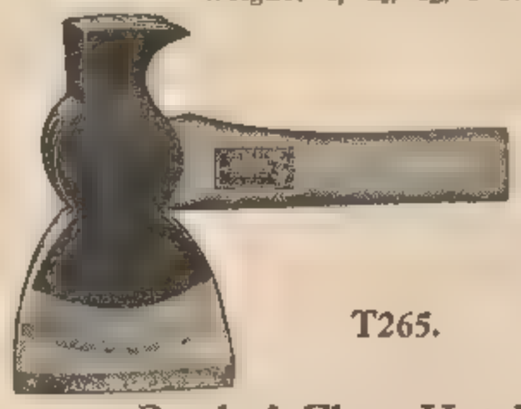
Sizes: 12", 14", 16", 18", 20", 24", 30", 36".

Also

T260. Grindstone Stands

AND MOUNTING
In Small, Medium and Large sizes.

For GRINDERS
See Next Page



T265.

We Also Stock KELLY AXES

Brades' Claw Hatchets

Sizes: 1 and 2.

Carborundum Slips

FINE AND MEDIUM

T266.

	Length	Width	Back	Edge
Size A	4"	1"	7/16"	3/16"
" B	4½"	1⅜"	½"	2/16"
" C	4½"	2½"	⅝"	5/16"
" D	4¾"	1⅜"	½"	1/16"
" E	6"	2¼"	¾"	⅜"

India Slips

MEDIUM

T267.

	Length	Width	Back	Edge
No. 13	4½"	1¾"	½"	3/16"
No. 14	4½"	1¾"	⅜"	⅛"
No. 15	4½"	1¾"	¼"	1/16"

WE CAN SATISFY YOUR REQUIREMENTS LARGE OR SMALL

PIKE (NO. 9) PEERLESS SENIOR GRINDER

T268.

An efficient and durable hand power Grinder, combining high speed and great power in just the right proportion to obtain best results. Equipment—Pike patented tool rest, combining chisel holder, twist drill guide, and scissors' guide. Extension crank handle, adjustable to any length, making easy work of the most awkward grinding job.
Size: Height, 13"; length, 12½"; diameter of gear case, 9".
Size of Wheel: 6" x 1".

T269.

Pike (No. 8) Peerless Junior

An exact duplicate of the Senior Model, but smaller.
Size of Wheel, 5" x 1".
EFFICIENT! DURABLE!

T270.

Pike (No. 12) "Whirlwind" Grinder

This machine will meet the demand for a Grinder that will do heavy and quick grinding, on railway construction, quarrying, mining, and building work. Each machine is equipped with a Universal Tool Rest.
Size of Wheel: 8" x 1".

T279.

Pike (No. 4) "Household" Grinder

This machine is a plain, strongly made Grinder, suitable for general household service.
Size of Wheel: 4" x ¾".

T280.

Pike (No. 5) "Domestic" Grinder

Very sturdy in construction, and suitable for Amateur Craftsman or the Mechanic.
Size of Wheel: 5½" x 1".

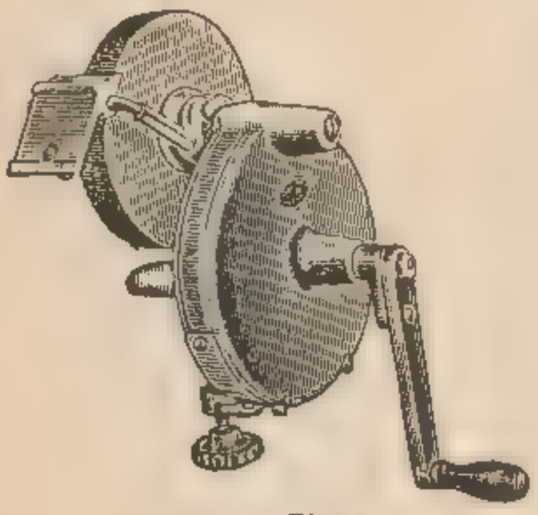
T281.

Pike (No. 6) "Artisan" Grinder

A very efficient Grinder at a reasonable price. Suitable for Mechanics.
Size of Wheel: 6½" x 1".

MODERN GRINDERS

In workmanship, design and finish, "Modern Grinders" are amongst the best, every detail has been carefully tested, and materials best adapted to each part have had every consideration.



Model B T271.

Extra large and heavy oiltight gear case; crank shaft has bearings at each end.
Long malleable nickelled handle adjustable.
Heavy steel wheel grip clamp screw, with two point cap.
Equipped with Modern, tool rest adjustable to either side of wheel for right or left-handed operator.
Machine cut gears, easy starting and quiet running.
Finished in the attractive Modern Olive Drab Enamel.
Highest grade, fast cutting electric manufactured wheel.

T272.

Modern Grinder No. B4

This machine is built for household use. The handy man about the house finds this small tool an absolute necessity.
Size of wheel: 4" x 1".

T273.

Modern Grinder No. B5

This machine is the ideal portable machine for the Carpenter or Mechanic to carry around in his tool chest. No collection of tools is complete without it.
Size of wheel: 5" x 1".

T274.

Modern Grinder No. B6

For private garage and small repair shops, mechanics, etc., who want to grind their tools on the job, or for all purposes requiring a powerful yet portable machine.
Size of wheel: 6" x 1".

T275.

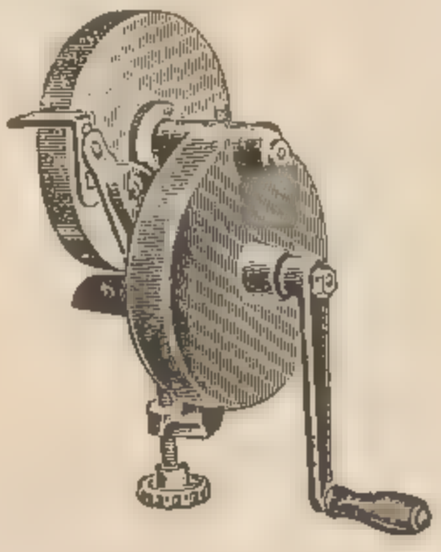
Modern Grinder No. B7

This machine is designed for Blacksmiths, Machine or Woodworking Shops, Camps, Mines and places where a high grade machine is a necessity, and where a power machine is unavailable.
Size of wheel: 7" x 11".

Modern Grinder, Model J

(At right) T276.

Has large one-piece gear case with long bearings. Crank shaft has bearing on both ends.
Long malleable handle.
Heavy steel wheel grip clamp screw.
Bright steel tool rest, adjustable to either side of wheel for right or left-handed operator.
Machine cut gears, easy starting and quiet running.
High grade, fast cutting electric manufactured wheel.
Similar to B Models, but of lighter and cheaper construction.



T277.

Modern Grinder No. J5

Fitted with Vitrified Corundum.
Wheel: 5" x 1".
Adjustable Tool Rest.

T278.

Modern Grinder No. J6

Fitted with Vitrified Corundum.
Wheel: 6" x 1".
Adjustable Tool Rest.

WE STOCK INEXPENSIVE TOOLS FOR THE HANDY MAN

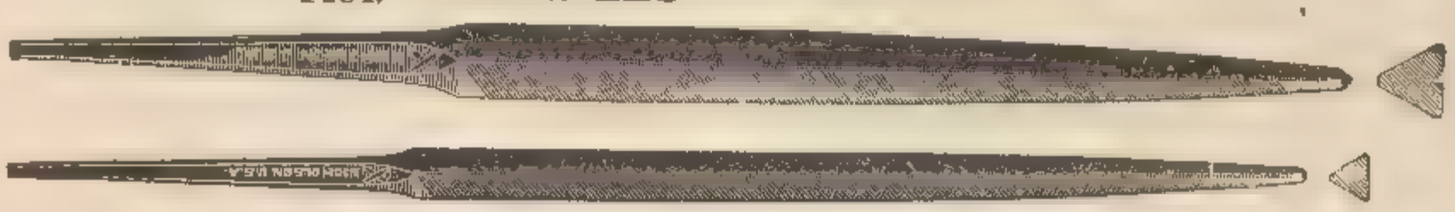
T282.
HALF-ROUND WOOD RASPS
Sizes: 6in., 8in., 10in., 12in., 14in., 16in.

T283.
HALF-ROUND CABINET RASPS
Sizes: 6in., 8in., 10in., 12in., 14in., 16in.

T284. **SAW FILES**

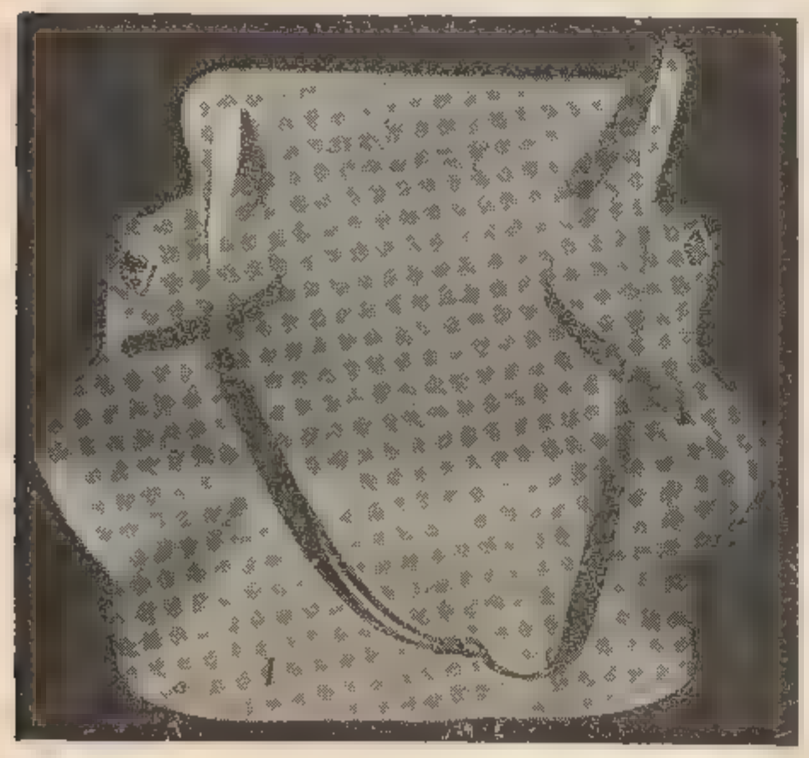
TAPER: 1.

SLIM TAPER: 2.



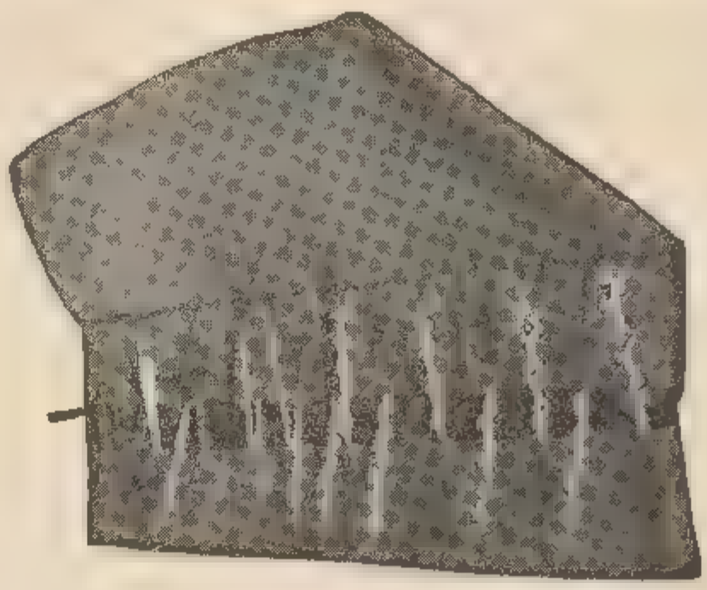
Sizes: 3in., 3½in., 4in., 4½in., 5in., 6in., 7in., 8in.

Make this Catalogue Your Guide for All Your Needs in **TOOLS**



Knopp's Patent Seamless Nail Pocket
This Pocket is made from one piece of Best Quality Solid Leather without a seam.
T285. PRACTICALLY EVERLASTING.

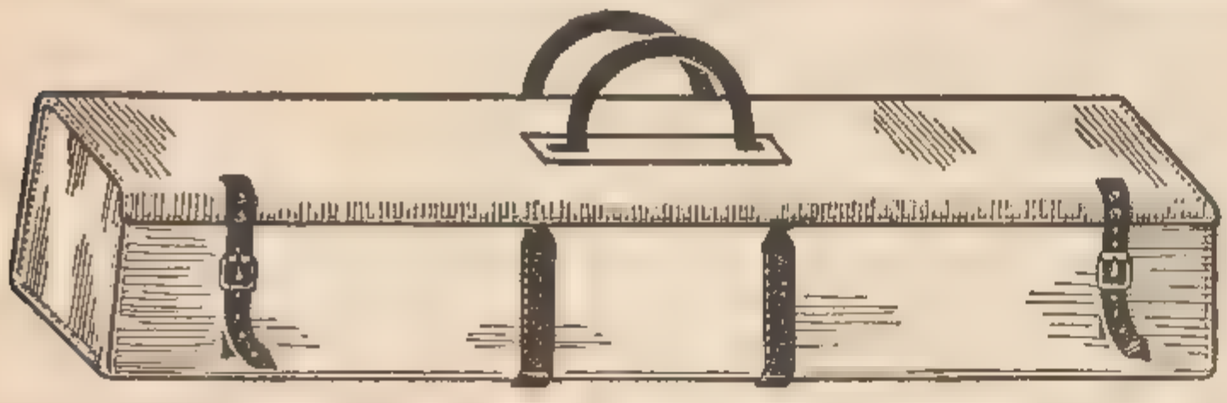
Canvas Nail Pocket
T286.
This Pocket is made from Heavy Canvas, and is strongly sewn. It will take a 3′ Rule.



Canvas Bit Roll
T286a.
This Roll is made from a Heavy Quality of Waterproof Canvas, and will hold up to 30 Bits. Made to roll up and fasten with a Leather Strap

Do Not Cut Catalogue
—
Order by Number

T287.
Canvas Level Pocket
Invaluable for protecting Levels and Level Tubes. Strongly made, neatly finished. To suit Levels 24″, 26″, 27″, 28″, 30″.



The AUSTRAL Rigid Tool Bag
T288.
An Oblong Waterproof Canvas Tool Bag, fitted with 3-ply bottom. The Handles, made of Solid Hide Leather, are joined together, and give extra support to bottom and sides of bag.

USEFUL INFORMATION FOR THE CARPENTER AND BUILDER

NUMBER OF SUPER FEET IN A BOARD OR PLANK

To ascertain number of superficial feet in a board or plank, apply this formula: Length × Breadth × Thickness. If board tapers: Length × Mean Breadth × Thickness. (To discover Mean Breadth, add the breadth of each end together and divide by 2.)

TIMBER

		App. No. of running ft. to 1 ton
Flooring	6″ x 1⅛″	1557
	6″ x 1″	1750
	6″ x ⅞″	2000
	6″ x ¾″	2330
Matchboard	6″ x ⅝″	2800
	6″ x ½″	3400
	6″ x ⅜″	4300
Deals	9″ x 3″	350
Weatherboards	(Single)	3100

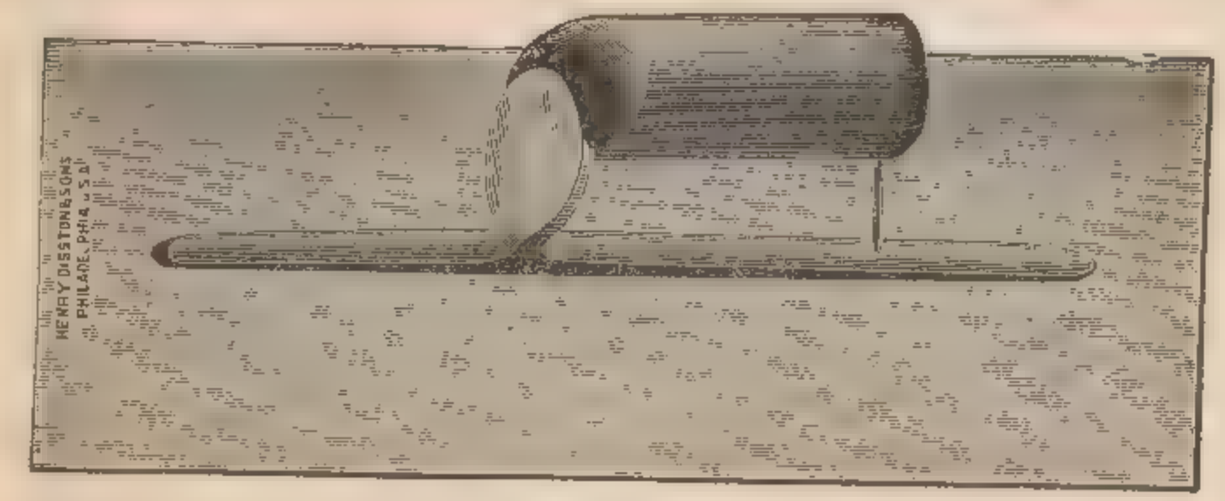
		App. No. of super ft. to 1 ton
Black Butt		333
Cedar		600
Clear Pine		900
Iron Bark		310
Jarrah		360
Kauri		600
Oregon		
V.D.L. Hardwood		450
Amer. Shelving	12″ x ⅞″	1050

DANKS OFFER QUALITY TOOLS AT COMPETITIVE PRICES

JOHN DANKS & SON PTY. LTD.

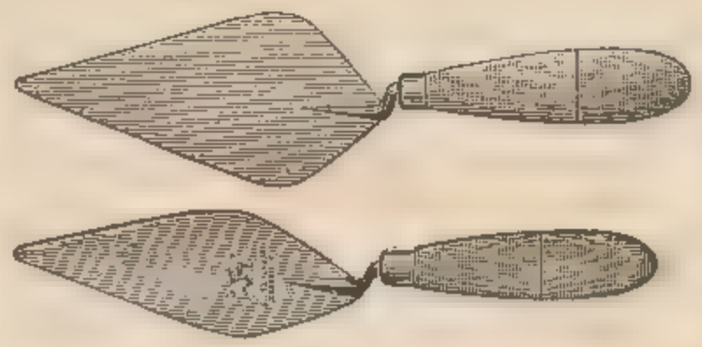
MELBOURNE AND SYDNEY

DISSTON'S & TYZACK'S PLASTERERS' TROWELS



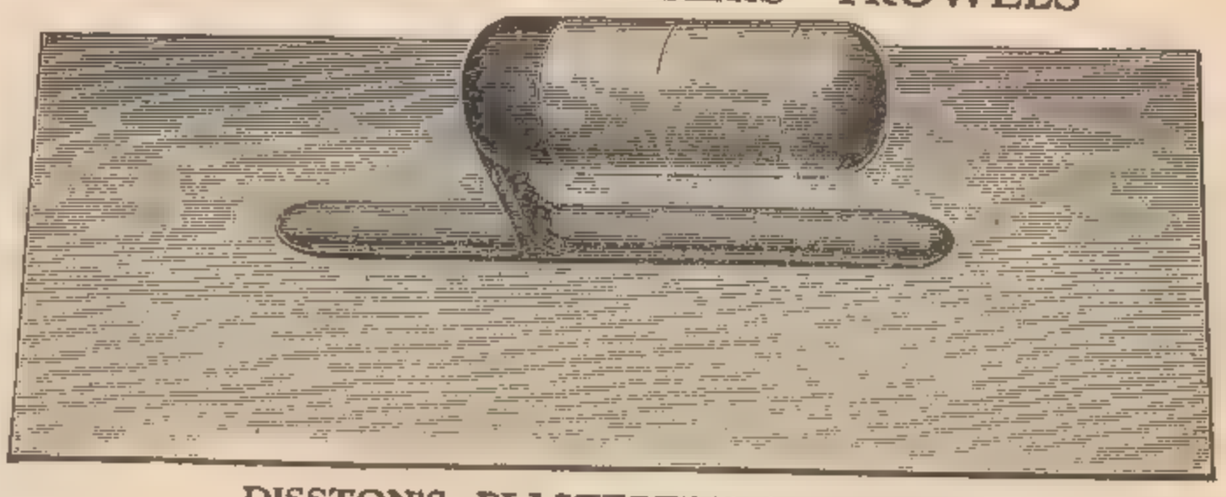
T289.
DISSTON'S & TYZACK'S PLASTERERS' TROWELS
Made of highest grade Crucible Steel, and fastened with 7 rivets. Sizes: 11", 11½".

Also MARSHALL'S TROWELS
T290. Sizes: 10½", 11".



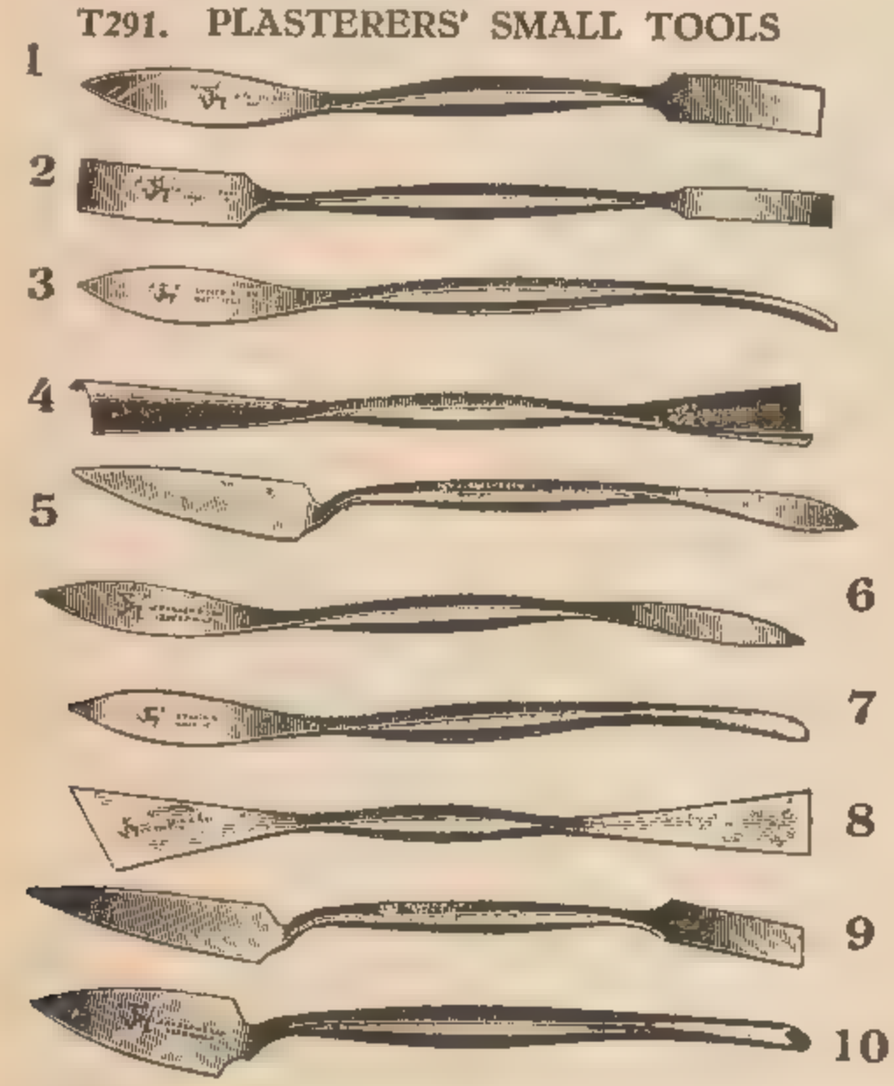
T293.
TYZACK'S & W.H.S.
Pointing Trowels
5-in., 6-in., 6½-in., and 7-in.

T294.
DISSTON'S PLASTERERS' TROWELS



DISSTON'S PLASTERERS' TROWELS
Same quality as T339, but with 10 rivets and leather grip. Sizes: 11", 11½".

T291. PLASTERERS' SMALL TOOLS

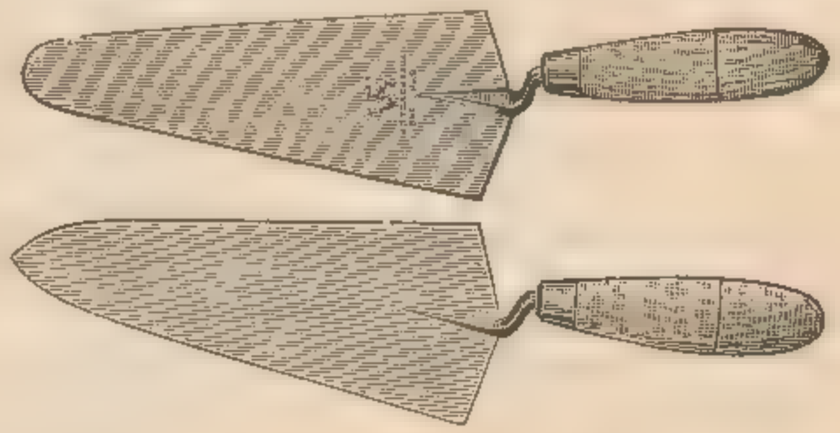


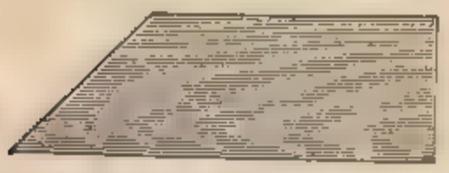
W.H.S.
BRICK
TROWELS
T295.

Capped Ends. Sizes: 12-inch, 13-inch.

T296.
Tyzack's Gauging Trowels
(Wide or Narrow)
Sizes: 6-in., 7-in., 8-in., 9-in.

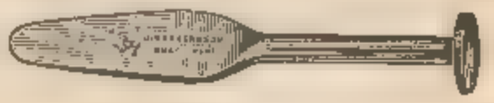
Also W.H.S. BRAND
T297.
Sizes: 6-in., 6½-in., 7-in.





Plasterers' Joint Rules
T292.
Sizes: 3-in., 4-in., 5-in., 6-in., 8-in., 10-in., 12-in., 14-in., 16-in., 18-in., 20-in., 22-in.

T298.
Tyzack's Bed Jointers
Sizes: 3/16 in., ¼-in., 5/16 in.

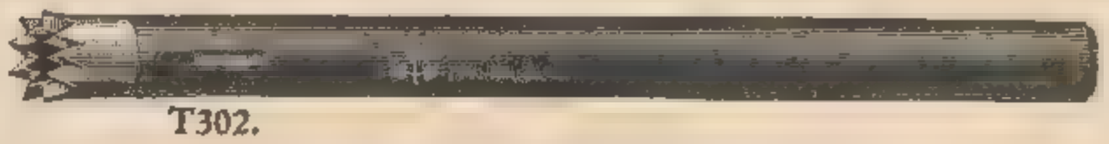


T299.
STEEL LINE PINS

Plugging Chisels

T300.

T301.
Tyzack's Cross Jointers
Sizes: 3/16 in., ¼-in., 5/16 in.



T302.
Crown Wall Drills
For Drilling through Brick or Stone
Sizes: ½-inch, ⅝-inch, ¾-inch.

REMEMBER DANKS FOR TOOLS FOR ALL TRADES.

Lead Plumb Bobs
T303.

Sizes from 1-lb. and upwards

WE CATER FOR THE TRADESMAN AND HOME CARPENTER

Brade's
BRICK
HAMMERS
T304.

Brick Hammers
New Pattern
T305.

T306.
Hod
Irons

T308.
Lathing
Hatchets

Slaters' Hammers
T307.

BRICK-
LAYERS'
LINES
T309.
25 yds. Long

All Steel Slaters' Rippers
T311.

Brick Bolsters
T310.
Solid Steel

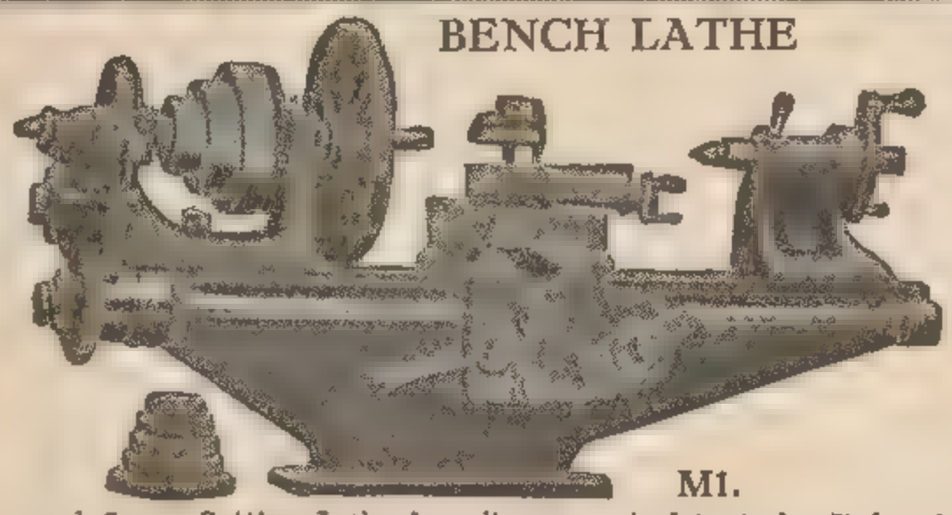
T312.
Combined Plumb
Level & Rule

T313.

GOOD TRADESMEN NEED GOOD TOOLS, CONSULT DANKS

Engineers' and Metal Workers' TOOLS and NEEDS

BENCH LATHE



M1.

This Boring and Screw Cutting Lathe is quite an up-to-date tool. It has incorporated many details that no other small Lathe, whatever its price, can boast. Chief points are as under:—

Helical backgears .. .. Smooth running.
Hollow tailstock and headstock .. .. .. Convenient for long, thin jobs.
Change wheels run on keyed bushes .. .. Long life and no sheared pins.
Balanced handles to all controls .. .. .. Ease of manipulation.

COMPLETE SPECIFICATION.

BED.—Box casting of cantilever form, accurately machined vees, flat top, and hand scraped to finish. Lead screw lugs cast integral. Sides and vees are strongly supported by "ribs" cast solid between.

HEADSTOCK.—Of substantial design, with bearings "bored" from the solid. Adjustment provided for wear. Cone pulley to take 1" flat belt. Steps correctly "domed." Back gears are "spiral" or "helical," and give a very sweet motion, which enables large work to be executed free from chatter, full provision being made for lubrication. Hollow spindle, which will pass 9-16" bars, completes a very useful head.

TAILSTOCK.—Again design is substantial, being strongly "webbed," thus can resist strains. Fitted with "turned" hollow steel barrel, which is clamped in position by hand screw in convenient position. Balanced handle provides a pleasant and powerful means of "feeding" when necessary.

SADDLE AND COMPOUND REST.—Here we have not stinted iron. Apron is screwed to front of saddle and carries in convenient position. "Clutch" and "quick" return. The clutch is simple and effective, and can be renewed quickly at trifling cost. Bottom slide is planed all over, and contains three "machined" tee slots, thus obtaining a large surface boring table. Balanced handle is provided with "index." Top slide, carrying tool post, is so designed that there is no chance of "spring" when under cut. Tool post is simple and efficient. Adjusting strips to all sides completes this up-to-date unit.

LEAD SCREW AND QUADRANT.—Lead screw is "Acme" thread 8 T.P.I., accurately cut and having ample bearing in lugs cast on bed. Right-hand lug carrying quadrant, which will swivel to any position. This carries the studs and change wheels. Keyed bushes are fitted to all studs and nicely knurled nuts keep change wheels in place. A full set of wheels provided, which will cut all threads in common use. We can supply a 63 wheel for "metric" threads at a small extra cost. All change wheels are machine cut.

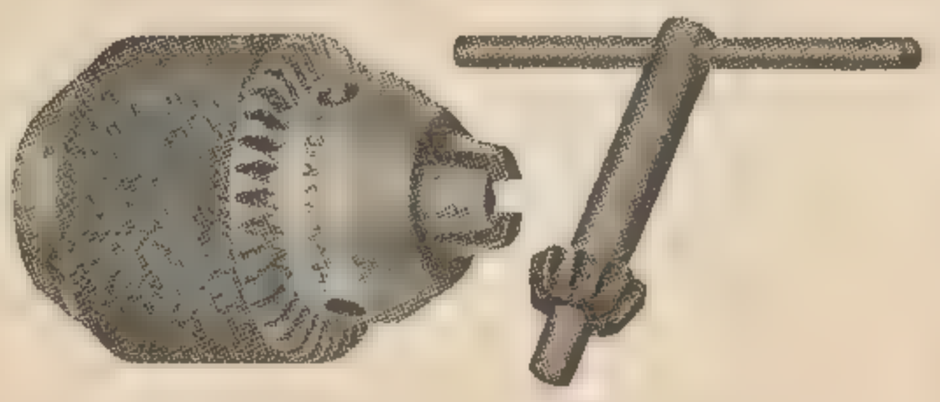
PRINCIPAL DIMENSIONS, ETC.

Admits between centres, 16".
Swings over bed, 8½".
Diameter of faceplate, 8¾".
Width of belt, 1".
Diameter of hole through spindles, 9/16".
Centre Morse Taper, No. 2.
Back gear ratio, 7-1.
Lead Screw, 8 T.P.I.
Size of tools taking ½" square.
Approximate weight, 120 lbs.

Bench Lathe

M2.

66743A is exactly similar to No. 66743 in all respects of material, workmanship and finish, also details, with the exception that we do not fit a quick return to saddle, and clutch is removed to left-hand end of lead screw, thus enabling us to fit a solid nut. Hand wheel is provided at right-hand end of screw, and is a convenient means of moving the saddle and incidentally of turning parallel.

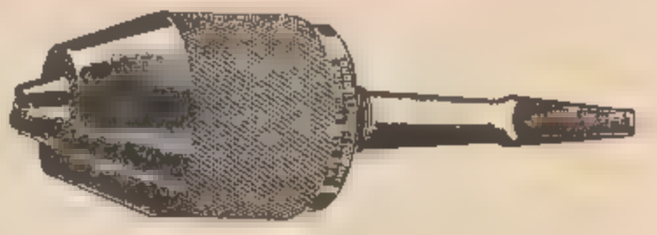


Jacobs' Improved Drill Chuck

M3.

This chuck is especially adapted and extensively used on sensitive and high speed drill presses, lathes, tapping machines, and other purposes where a light, compact, convenient, efficient, accurate and durable Drill Church is required.

Number	Capacity Inches	Length Jaws Extended	Outside Diam.
2	0—21/64	2¾	1 11/16
3	0—17/32	3 15/16	2 5/16



Drill Chucks with Brace Shanks

M4.

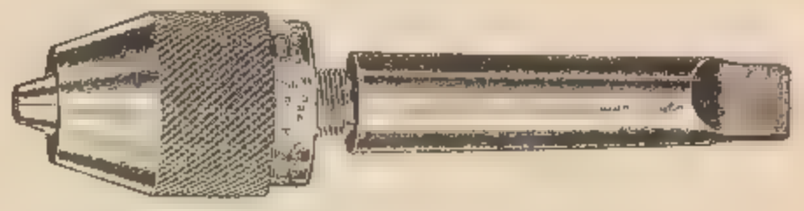
These shanks are milled on centres, keeping them in perfect alignment with the other parts of the tool, and ensuring their running well, providing, of course, that the jaws in which they are held are equally accurate.

Star Drill Chuck

M5.

These Chucks have three Steel Jaws carefully adjusted into a socket to keep them in place and so arranged as to open and close with the loosening or tightening of the chuck upon the spindle.

No.	5	6	7
Capacity	0" to ¼"	0" to ⅜"	0" to ½"

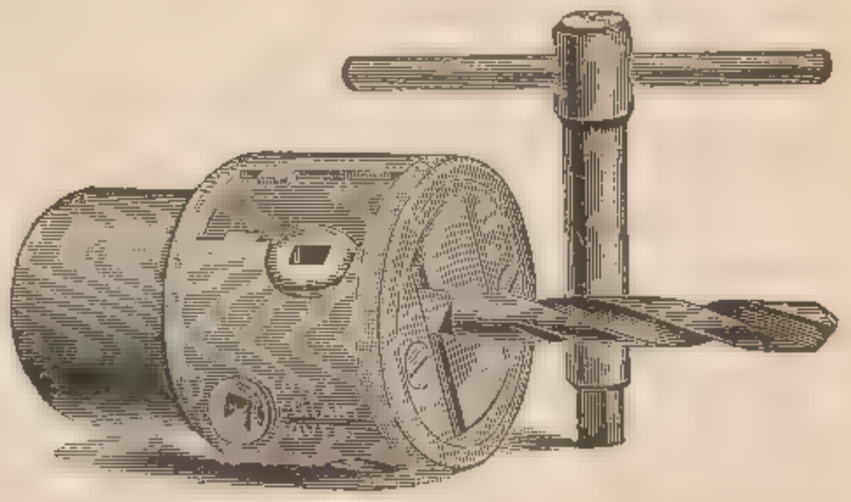


Goodell-Pratt Drill Chucks with Morse Taper Shanks

M6.

These Drill Chucks are provided with standard No. 1 and No. 2 Morse Taper Shanks. In ordering, please specify which size is desired.

No. 14M.T., Capacity, 9" to 5/32".
No. 15M.T., Capacity, 0" to ¼".
No. 15½M.T., Capacity, 0" to ⅜".
No. 16M.T., Capacity, 0" to ½".



Westcott's Little Giant Drill Chucks

M7.

No.	Capacity	No.	Capacity
00	0 to ¼	0	0 to ⅜
1	0 to ¾	2	0 to 1
2½	0 to 1		

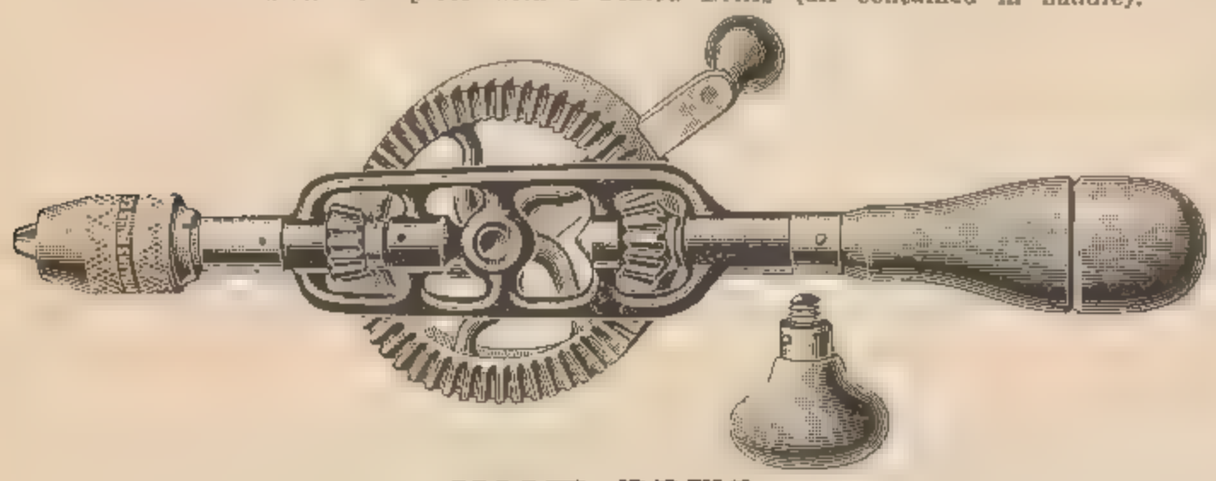
You can always depend on DANKS - - for Quality, Value and Selection

FOR WOODWORKERS' TOOLS, SEE PAGES 134 TO 153

Hand, Bench and Breast Drills

HAND DRILL
M8.

Malleable Iron Frame. Cut Gears. 3 Jaw Chuck, capacity 0 to 5/32 inches. Polished Cocobolo Handles. Complete with 8 Fluted Drills (all contained in handle).

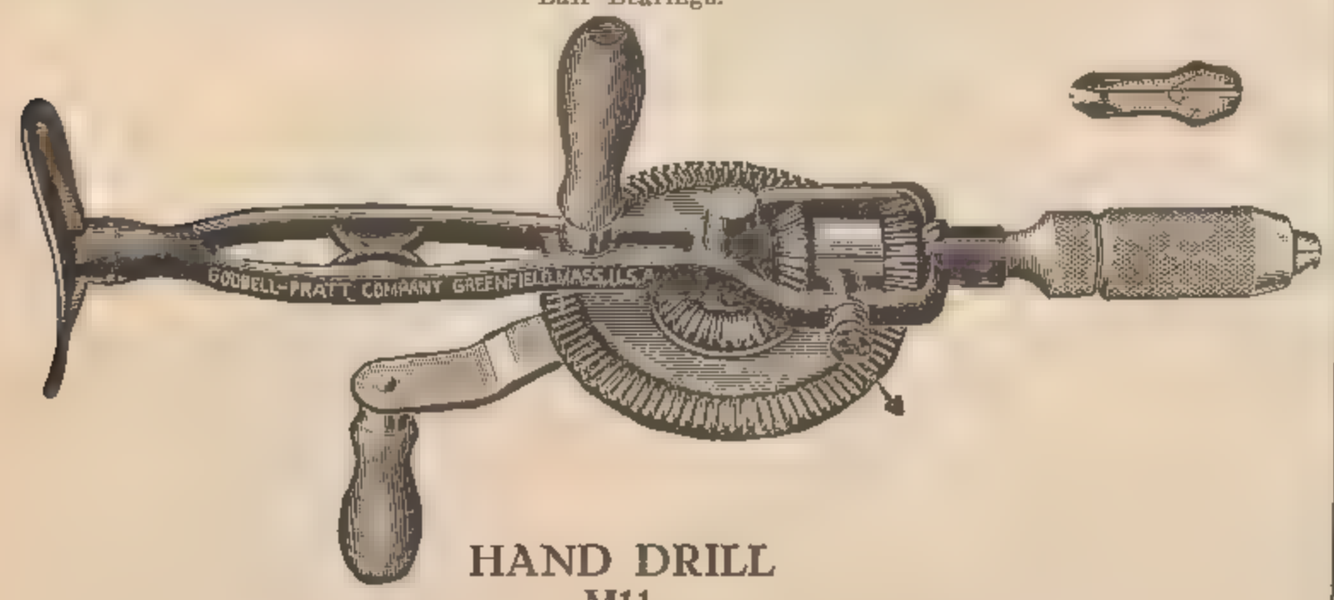


HAND DRILL
M9.

Malleable Iron Frame. Double Gears. 3 Jaw Chuck, capacity 0 to 3/16 inches. Fitted with Wide Rim Gear to be grasped between thumb and finger when drill is used for fine work.

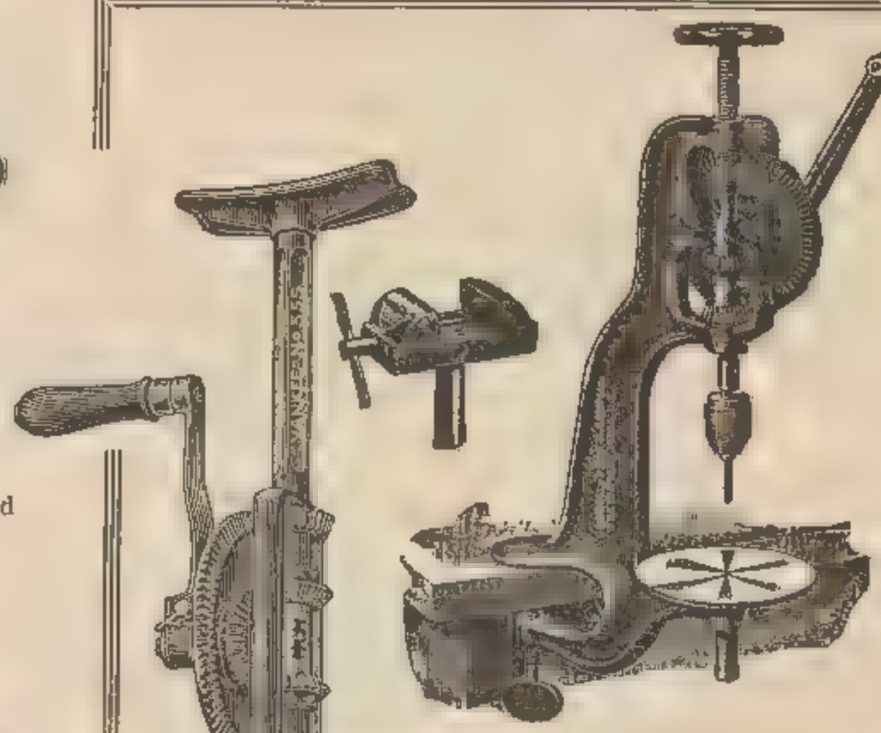
HAND DRILL
M10.

Malleable Iron Frame. Double Gears. Two Speeds. 3 Jaw Chuck capacity 0 to ⅜ inch. Polished Handle with Screw Cap. Cut gears. Lathe Turned Spindle, fitted with Ball Bearings.



HAND DRILL
M11.

Malleable Iron Frame. Double Gears. Two Speeds. 3 Jaw Chuck, capacity 0 to ⅜ inch. Polished Handle with Screw Cap. Cut Gears. Lathe Turned Spindle, fitted with Ball Bearings.

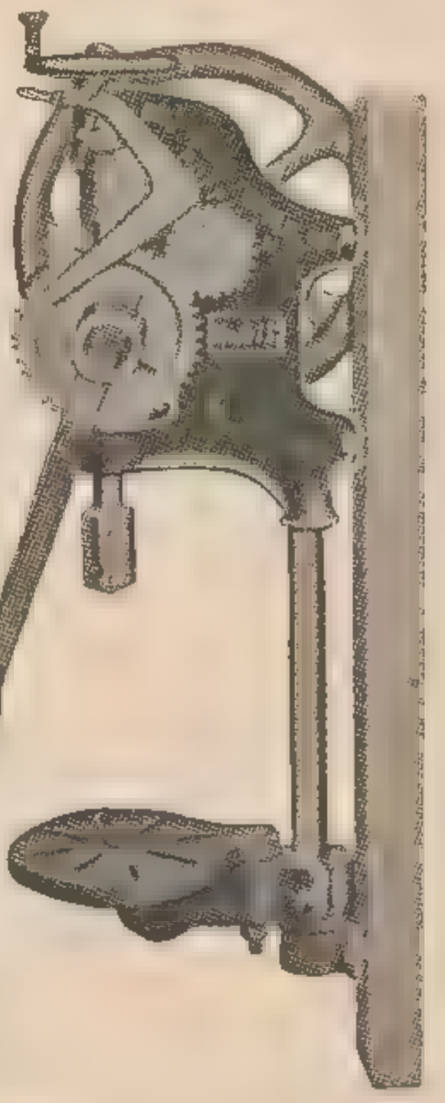


BENCH DRILL
M12.

Solid Iron Frame. Cut Gears. Two speeds. Adjustable Table. Steel Feed Screw. 3 Jaw Chuck, capacity 0 to ⅜ inch. Also furnished with a special vyce which may be used in place of table.
Complete with vyce and 8 Fluted Drills 1-16 to 11-64.

YANKEE BREAST DRILLS
M13.

The peculiar feature of these Drills is found in the shifter on cylinder. The mere movement of this shifter into the various notches causes the tool to perform different movements In the first notch nearest the chuck, it is an ordinary Breast Drill; in the second notch it becomes a Left-hand Ratchet; in the third notch it becomes a Right-hand Ratchet. In the fourth notch any movement of the crank, however short or turned in either direction, the drill will always turn to the right and drill continuously.



BUFFALO BALL-BEARING DRILL

(No. 611)

M14.

Automatic and Hand Feed.

Drills to centre of 11-inch circle. Drill holes up to ¾ inch. Spindle Diameter ⅝ inch. Run of feed 3 inches. Run of table 10 inches. Length overall 33 ins

(No. 612)

M15.

Drills to centre of 12-inch circle, holes up to 1 inch.

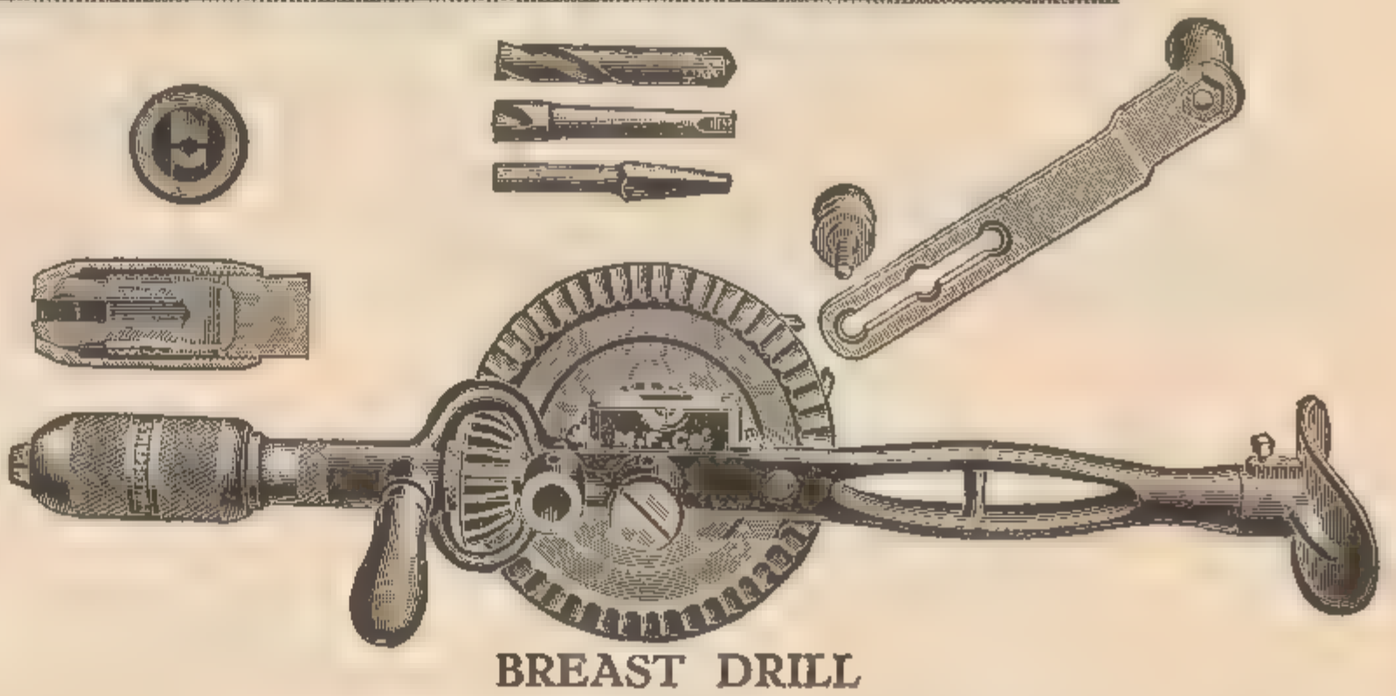
Hand, Bench and Breast Drills

HAND POST DRILL
M16.

SINGLE GEARED HAND FEED

Drills ¾ inch to centre of 12-inch circle. Drill spindle is 1-inch steel, and bored for ½-inch straight shank drills. Feed has a run of 3 inches. Upright column and feed screw are of steel. Extension Crank, Adjustable Table.

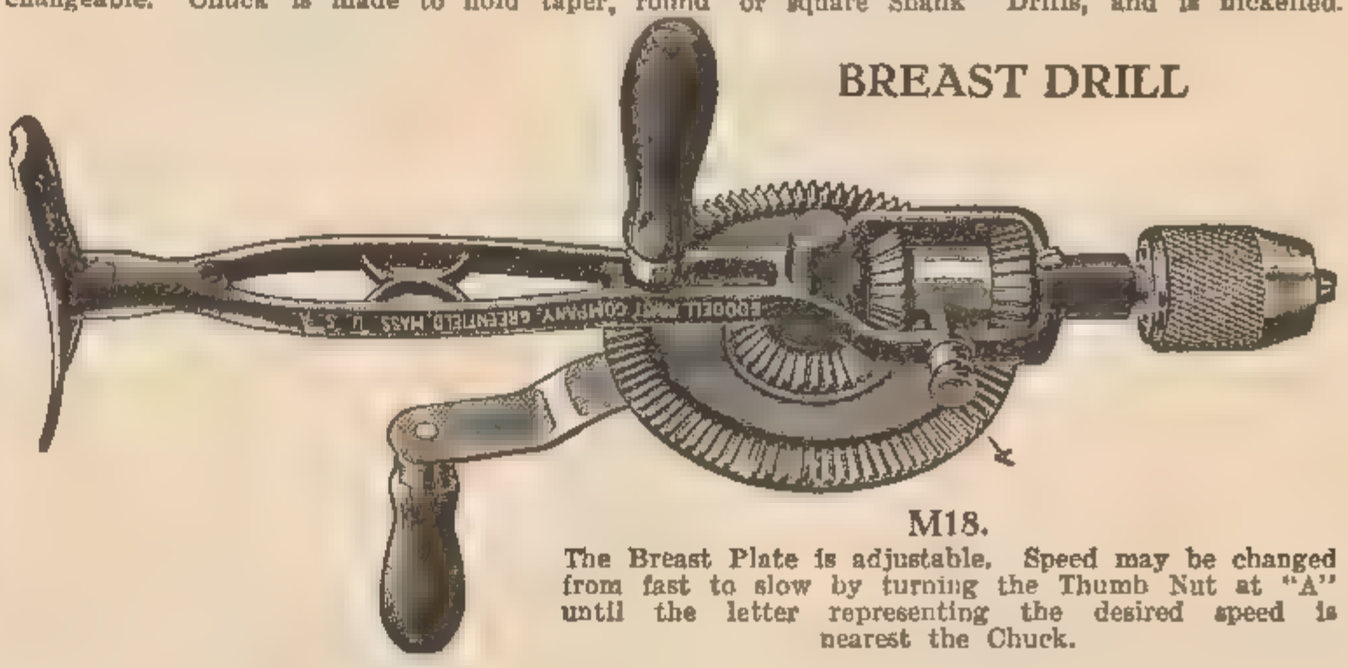
This Catalogue, while most comprehensive, obviously cannot show our complete range. If you cannot see exactly what you require in this Catalogue, write to us, giving particulars. We may have your requirement in stock.



BREAST DRILL
M17.

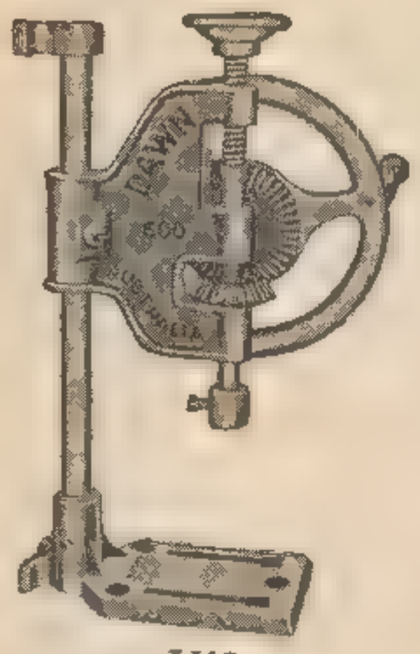
This Tool is one of the most complete of its kind It is fitted with a 3 Jaw Chuck, capacity 0 to ⅜ inch.
Extension Crank. Ball Bearings. Level attachment. Gears are cut from the solid and are changeable. Chuck is made to hold taper, round or square Shank Drills, and is nickelled.

BREAST DRILL



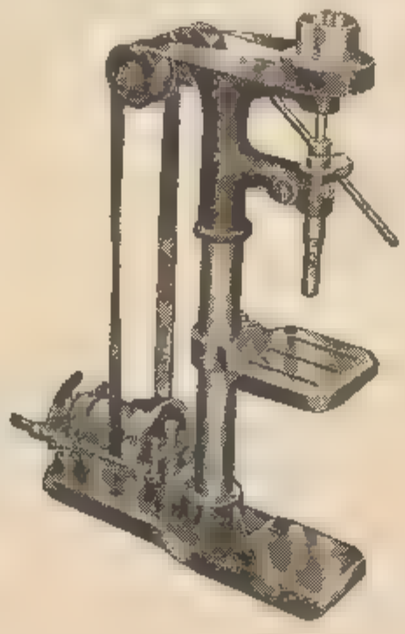
M18.
The Breast Plate is adjustable. Speed may be changed from fast to slow by turning the Thumb Nut at "A" until the letter representing the desired speed is nearest the Chuck.

"DAWN" DRILLING MACHINES



M19.
The "Dawn" Combined Bench or Post Drill
Drills ⅜" to centre of 9" circle. 2" run of feed. Diameter of spindle, ⅜". The head has radial and vertical adjustment, giving a maximum clearance of 10" between base and end of spindle. Hand feed.

The "Dawn" Bench Drill
No. 101.
Equipped with two speed cone pulleys, ball bearing thrust, with the main driving pulley adjustab'e for belt tension. The spindle takes No. 1 Morse taper shank. Drills to centre of 10" circle.
M20.

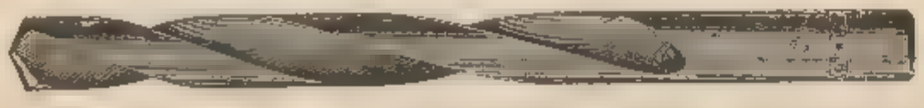


M21.
The "Dawn" Post Type Drill
No. 61
Drills 1" to centre of 12" circle. Diameter of spindle, ⅞". Features an adjustable automatic feed, fly wheel gear direct to main spindle, and improved coupler and ball bearing thrust. Heavy fly wheel maintains momentum.

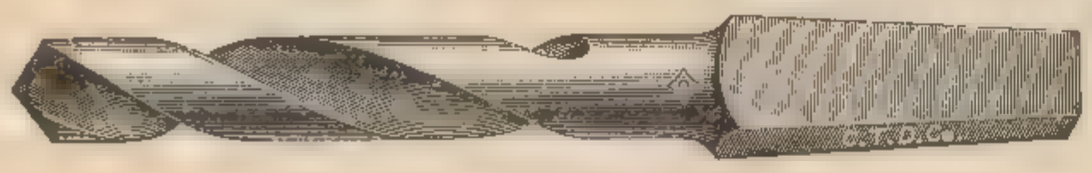
The "Dawn" Drill
No. 616.
Post type, with ball bearing automatic feed. A heavier type of machine, geared for two speeds, and drills 1½" to centre of 16" circle. Run of feed, 3½". Fast and loose pulleys for belt drive supplied as extra when specified.
M22.

TWIST DRILLS
WITH PARALLEL SHANKS
M23.

Diameter. 1/16", 5/64", 3/32", 7/64", ⅛", 9/64", 5/32", 11/64", 3/16", 13/64", 7/32", 15/64", ¼", 17/64", 9/32", 19/64", 5/16", 21/64", 11/32", 23/64", ⅜", 25/64", 13/32", 27/64", 7/16", 29/64", 15/32", 31/64", ½".



Twist Drills, Stubb's Wire Gauge Sizes, 1 to 80
M24.



Ratchet Twist Drills
M25.
Shanks: ⅜" x ⅜".

Diameter: ¼", 9/32", 5/16", 11/32", ⅜", 13/32", 7/16", 15/32", ½", 17/32", 9/16", 19/32", ⅝", 21/32", 11/16", 23/32", ¾", 13/16", ⅞", 15/16", 1", 1-1/16", 1⅛", 1-3/16", 1¼", 1 5/16", 1⅜", 1-7/16", 1½".

Short Twist Drills
M26.
With ¼" Parallel Shanks, for Blacksmiths' Drilling Machines.

Diameter: ⅛", 5/32", 3/16", 7/32", ¼", 9/32", 5/16", 11/32", ⅜", 13/32", 7"16", 15/32", ½", 17/32", 9/16", 19/32", ⅝", 21/32", 11/16", 23/32", ¾", 25/32", 13/16", 27/32", ⅞", 29/32", 15/16", 31/32", 1".

Twist Drills
M27.
With Square Shanks to fit ordinary Brace.

Diameter: 1/16", 5/64", 3/32", 7/64", ⅛", 9/64", 5/32", 11/64", 3/16", 13/64", 7/32", 15/64", ¼", 9/32", 5/16", 11/32", ⅜", 13/32", 7/16", 15/32", ½", 17/32", 9/16", ⅝", 11/16", ¾", 13/16", ⅞", 15/16", 1".

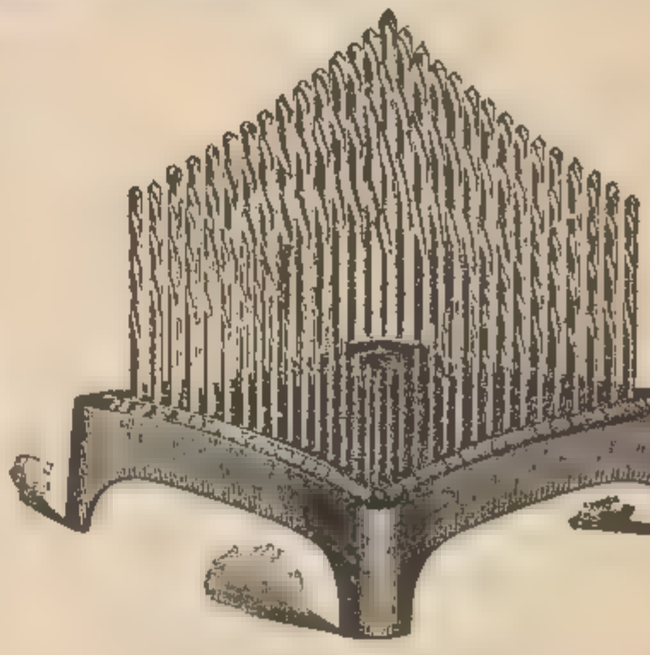
Taper Shank Twist Drill
M28.

Diameter: ¼", 17/64", 9/32", 19/64", 5/16", 21/64", 11/32", 23/64", ⅜", 25/64", 13/32", 27/64", 7/16", 29/64", 15/32", 31/64", ½", 17/32", 9/16", 19/32", ⅝", 21/32", ¾", 25/32", 13/16", 27/32", ⅞", 29/32", 15/16", 31/32", 1".

Set of Bit Stock Drills in Case
M29.
9 Sizes: 1/16" to ⅜".

Order by Number — Do Not Cut Catalogue

For Grinding Wheels, etc., See Page 152 this Catalogue



Sets of Carbon Steel Twist Drills in Metal Stands
M30.

This Set comprises all the sizes of straight shank drills, Stubs, steel wire gauge, from No. 1-60 inclusive. Each hole is numbered to correspond to size of drill. The even numbers are on one side, the odd on the other, thus making selection very convenient.

Sleeves or Shell Sockets
M31.

No. 1 to fit 2 Socket. No. 2 to fit 3 Socket.
No. 1 to fit 3 Socket. No. 3 to fit 4 Socket.

The "Huntington" Grinding Wheel Dressers
M32.

It is of utmost importance that emery wheels be kept perfectly true. For this purpose the "Huntington" Dresser will be found ideal. Although designed for the smaller wheels, the larger wheel can also be dressed with the "Huntington."

Do Not Cut Catalogue— Order by Number!

Extra Cutters for the "Huntington" Wheel Dresser
M33.

These are fitted with steel frames and roller bearings; are light running and very durable.

Hooks and Eyes
M34.
For Gut or Round Leather Belting.
Size: ⅛", 3/16", ¼", 5/16", ⅜", 7/16", ½".

Round Gut Belting
M35.
Suitable for small Lathes, Polishing Heads, etc.
Size: ⅛", 3/16", ¼", 5/16", ⅜", 7/16", ½".

HIGH SPEED
Jobbers' Length Straight Shank Drills.
Stocked in
Sizes from 1/16" to ½" in 64ths of an inch.

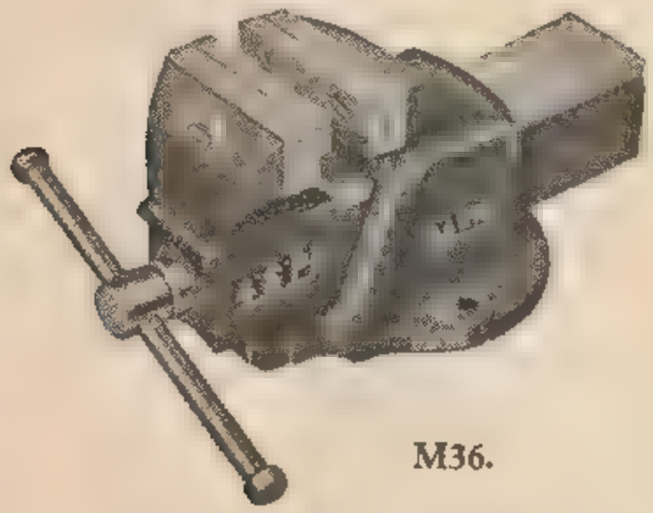
PLEASE WRITE TO US FOR ANY TOOLS NOT LISTED IN THIS SECTION

JOHN DANKS & SON PTY. LTD.

MELBOURNE AND SYDNEY

VISES

Famous "Dawn" Brand and World Famous Makes



M36.

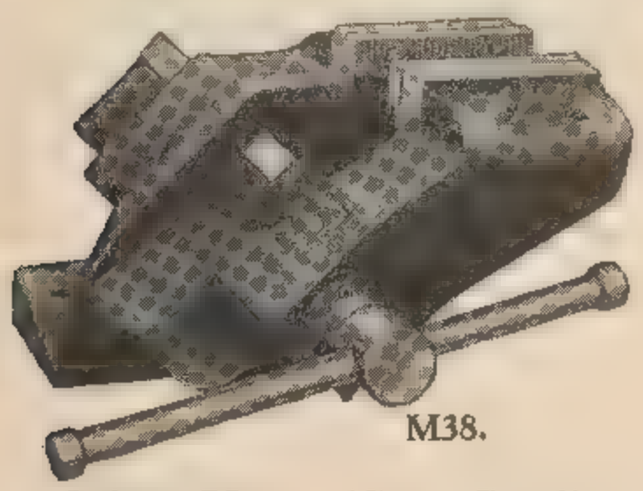
Plain Screw Vises

High Grade Semi-Steel Replaceable Nut. Width of Jaw, 2¼", 2½", 3", 3½", 4", 4½", 5", 6", 7".

M37.

Quick Action Vises

The simple quick action mechanism enables jaws to be instantly set to any required width. High Grade Semi-Steel Castings. Width of Jaw, 3¼", 3⅝", 4", 4½", 5", 5¾", 6", 7".



M38.

Offset Vises (Semi-Steel)

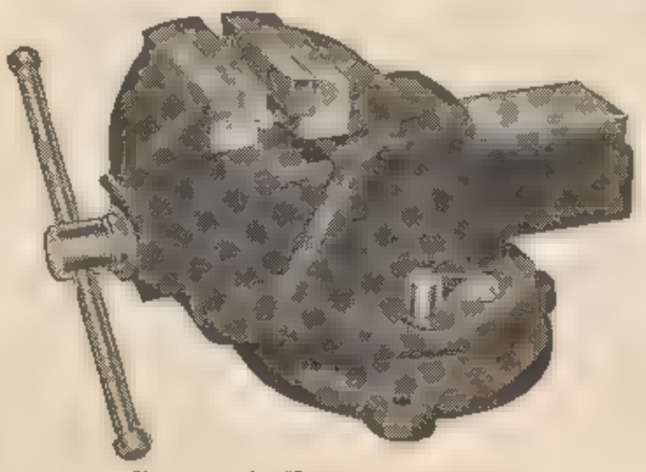
With plain screw. The patented design of this vise readily holds long vertical work with the full width of jaws. In six sizes. Width of Jaw, 3", 3½", 4", 4½", 5", 6".

Forged Hand Vise

M39.

ENGLISH MAKE.

Length:
3"
3½"
4"
5"
6"



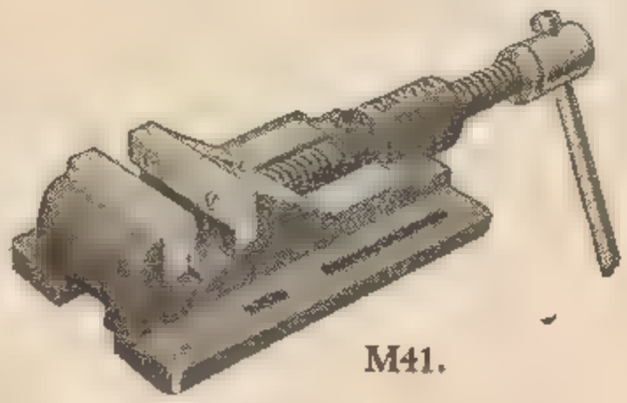
Swivel Base Vises

M40.

Plain Screw.

The swivel base enables worker to swing vise to any lateral position, where it can be securely locked with two holding down screws. Made in Seven Sizes. Width of Jaw, 2½", 3", 3½", 4", 4½", 5", 6".

For Woodworkers' Vises and Cramps, see Page 149.

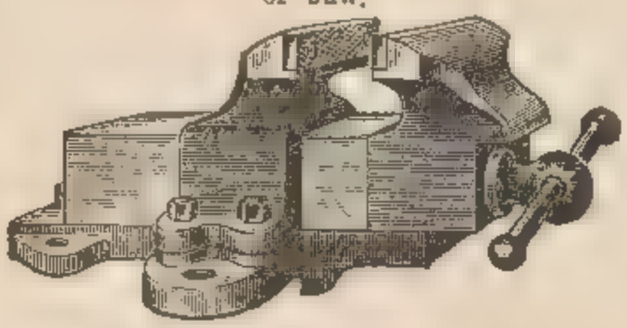


M41.

Machine Vises

Semi-Steel Plain Screw.

Accurately machined slide faces and hardened steel jaws. Available in three sizes: 3", 4", 5", width of Jaw.

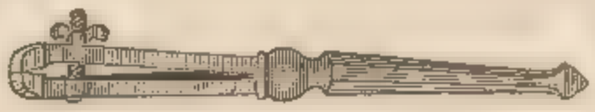


Improved Parallel Vise

M42.

The body of this Vise is made from good quality Cast Iron. The detachable Jaw Plates are of steel, specially cut and hardened.

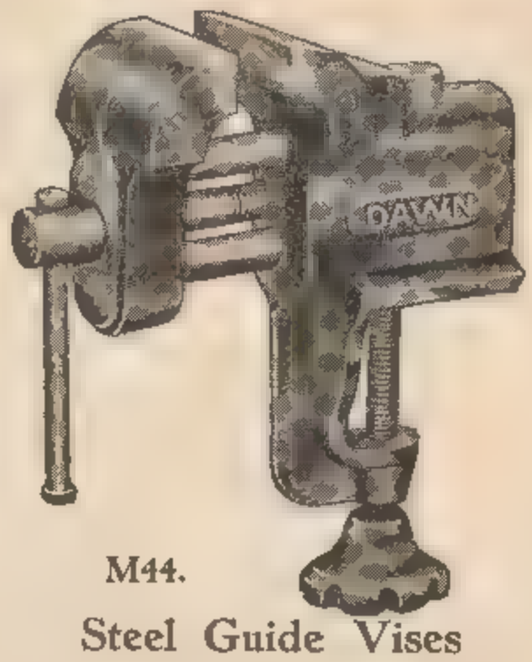
No.	Width of Jaw	Opens to
00	2¼"	2"
0	2½"	2¼"
1	3"	3¼"
2	3½"	4"
3	4"	4¾"
4	4½"	5½"
5	5"	6¼"



Mathieson's Pin Vise

M43.

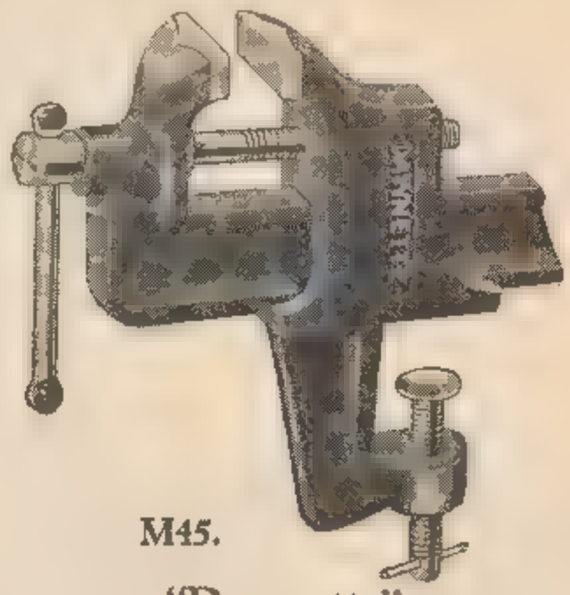
Hollow Handle.



M44.

Steel Guide Vises

Sturdily and accurately constructed, with 2" width of jaw, and a maximum opening of 2".



M45.

"Dawnette"

Another famous "Dawn" product, with a 2" width of jaw, and a maximum opening of 2".

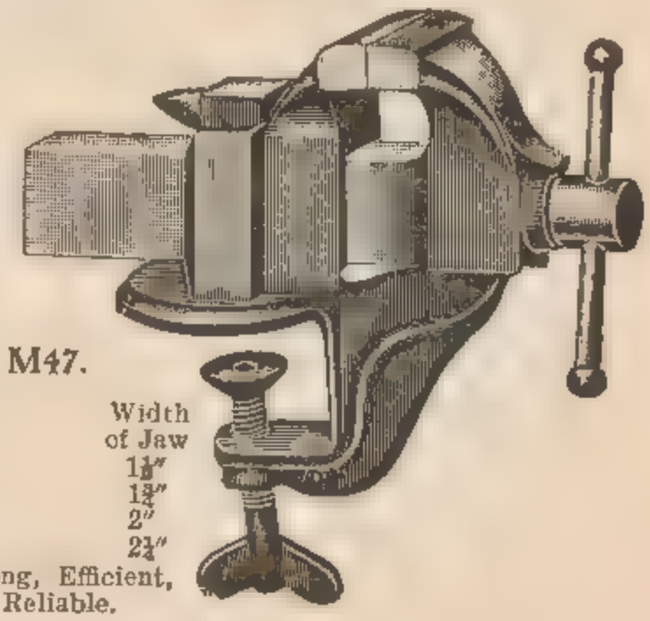
M46.

Steel "T" Bar Vise

Cast Steel Jaws, with hardened serrated faces, mounted on mild steel brass plate, and mild "T" section slide bar.

Width of Jaw: 4", 5", 6", 7", 8".

Jersey Clamp Base Vise



M47.

No.	Width of Jaw
40	1½"
42	1¾"
44	2"
46	2¼"

Strong, Efficient, Reliable.

WE ARE GLAD TO GIVE QUOTATIONS, WRITE OR PHONE

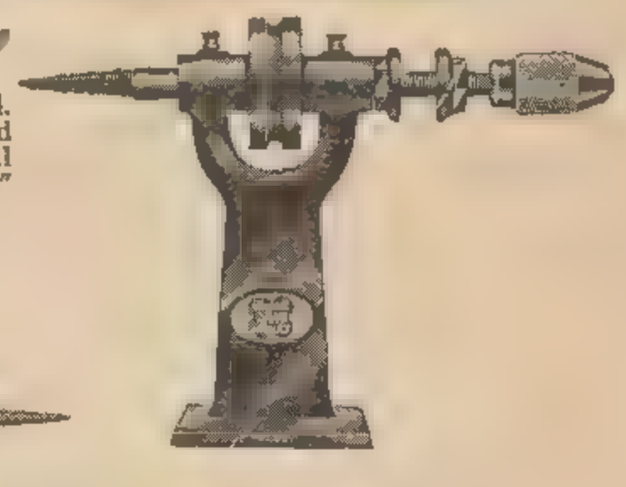
Grinding and Polishing Heads

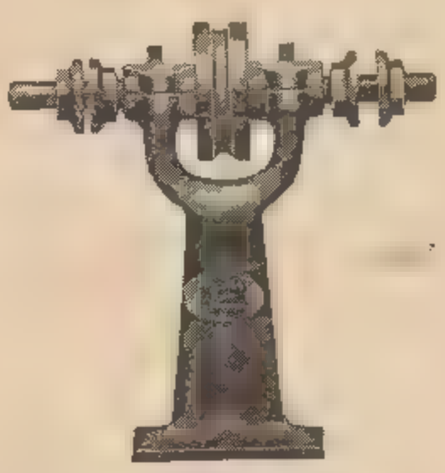
M48. (left)

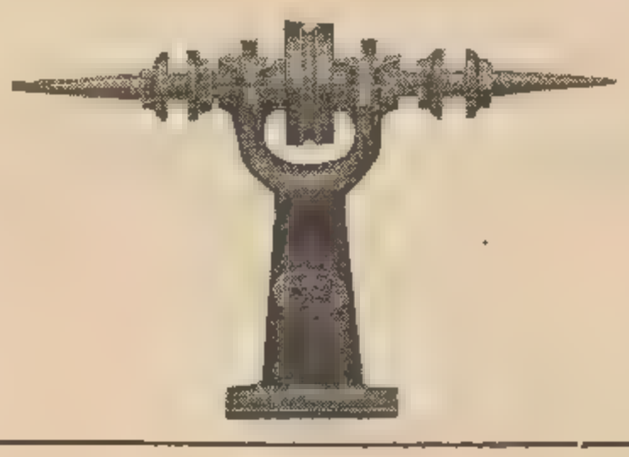
The "Dawn," No. 22. Double polishing spindle and one set of flanges for ¾" grinding wheel.

M49. (right)

The "Dawn," No. 24. Single polisher. Other end two flanges and drill chuck. 6" to spindle; ½" spindle; 2½" pulley.







M50. (right)

The "Dawn," No. 26. Double end grinding spindle. Two sets of flanges for ¾" grinding wheel.

M51. (left)

The "Dawn," No. 28. Double end grinding and polishing spindle. Two sets of flanges for ¾" wheels.

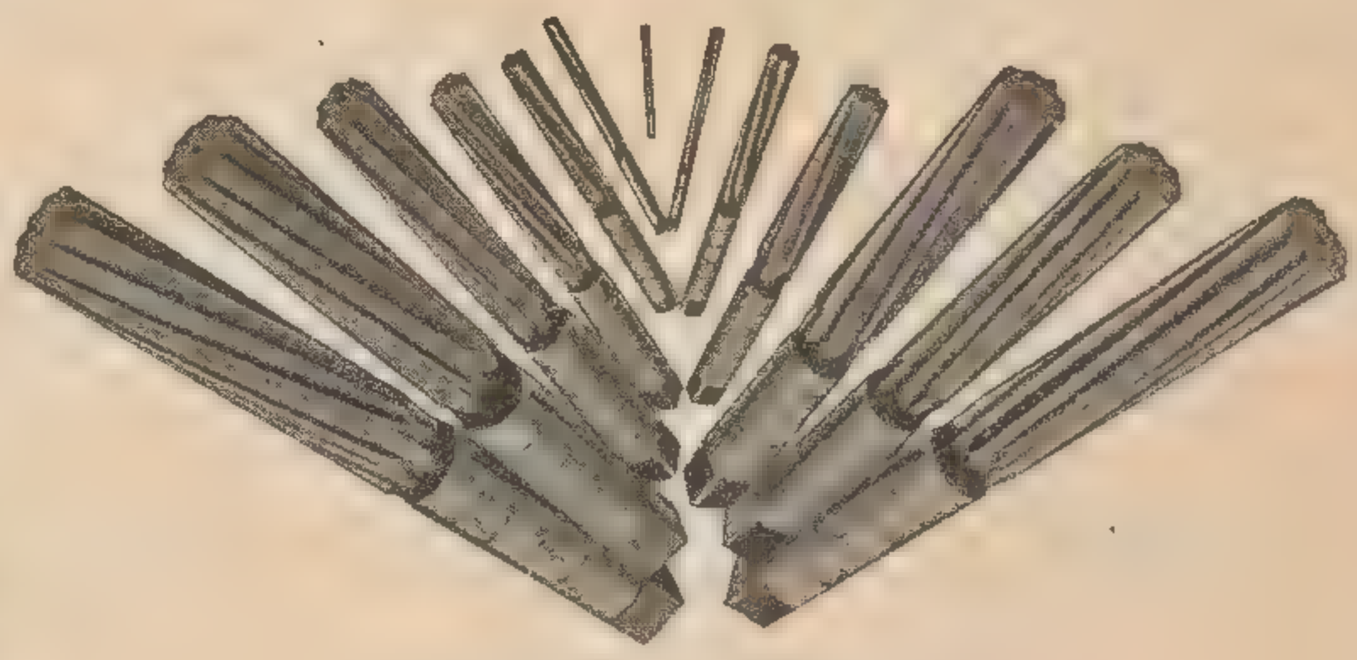
LIFTING JACKS

M52.

Broad base, low lift. Lifts 4" from 9½"; 3 ton and 6 ton. Also narrow base. 1 ton, lift 4" from 9"; 3 ton, lift 2½" from 6¼".

M53.

Narrow base, high lift. 3 ton, lift 9" from 15"; 5 ton, 9" from 20"; 10 ton, 12" from 24".



PARALLEL HAND REAMERS
Of Special Alloy Steel

M54.

These Reamers are made with Spiral Flutes of left-hand direction, which type of flute prevents any dragging of the tool into the hole, and the blades thereby possess the advantage of imparting a shearing cut. They have the advantage over straight-fluted reamers, inasmuch as they do not tend to form pockets or corners, as the cutting edges do not lie parallel with the direction of the hole, and therefore in conjunction with the fact of the cutting edges being unevenly spaced, all risk of "chatter" is eliminated.

PARALLEL TYPE have a small taper at the point for ½ inch and ¾-inch up, to ensure an easy start.

TAPER type have a straight taper the full length of the flute. In sizes ½ to 1 inch, in 64ths.

Burring Reamers with Spiral Flutes

These Burring Reamers are made of finest steel and designed especially for removing burrs, caused by cutting pipe. They are also extensively used for countersinking.

Great care is used in grinding these tools to adapt them for use in a variety of materials.

	Style of Shank	Capacity Pipe
M57.	Bit Brace	⅛" to ½"
M58.	Bit Brace	⅛" to 1"
M59.	Bit Brace	¼" to 1½"
M60.	Bit Brace	¼" to 2"

Taper Pin Reamers

M55.

Spiral fluted. Taper—¼-inch to 1-inch.

No.	Dia. Small End	Length over all
0	.135in.	2½in.
1	.146in.	2¾in.
2	.162in.	3⅛in.
3	.183in.	3 7/16in.
4	.208in.	3⅞in.
5	.240in.	4 7/16in.

"G.T.D." Taper Reamers

M56.

Sizes: ¼", 5/16", ⅜", 7/16", ½", 9/16", ⅝", ¾".

Order by Number
Do Not Cut Catalogue

QUALITY, ECONOMY, RELIABILITY

HACK SAWS

Millers-Falls Extension Hack Saw Frames

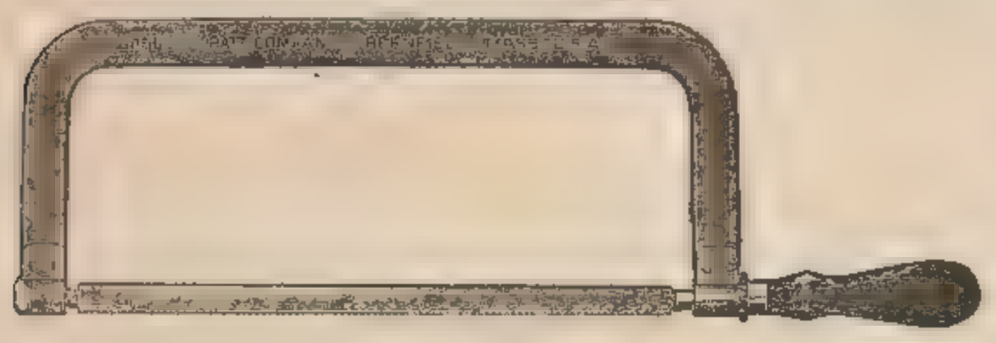
M61.

A very popular Hack Saw. Heavily nickelled. Takes 8" to 12" saws. Quickly adjusted. Light. Made of Tempered Steel. Handles of Cocobola Wood. Highly Finished

Millers-Falls Rigid Back Extension Hack Saw Frames

M62.

This frame is extra heavy, highly finished, and very rigid. Heavily Plated. Will take 8" to 12" saws.



Goodell-Pratt Solid Steel Hack Saw Frames

M63.

Similar design to M71. These Frames are made of solid steel, natural finish. They have polished hardwood handles. Blade can be faced four ways. Depth of throat, 2½". In four sizes, for 8", 9", 10" and 12" Blades.

Millers-Falls Hack Saw Frames

M64.

At right. Adjustable from 8" to 12". Thumb nut to secure blade tension. Complete with 10" Blade.

M65.

At left. Cast iron frame and hardwood handle. Blade faceable in 4 directions. 8", 9", 10" or 12".

HACK SAW BLADES FOR POWER MACHINES

M68.

Sterling

Length	Width	Thick	Teeth per inch
12"	¾"	21	14
14"	¾"	21	14
17"	1"	18	12

Ding Dong Hack Saw Blades

M69.

In either 14, 24, 32 teeth to inch. Sizes: 8", 9", 10", 12".

Ding Dong Hack Saw Blades

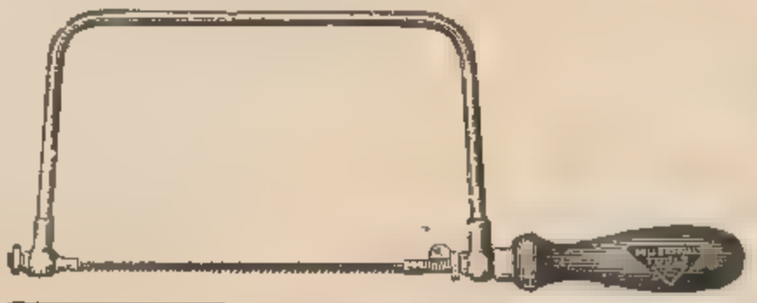
M70.

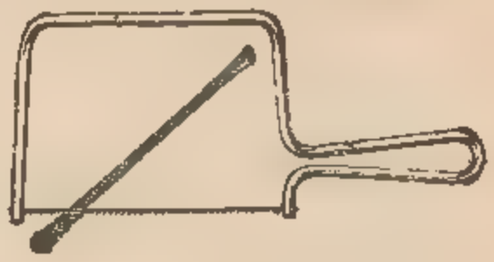
In either 14, 24, 32 teeth to inch. Sizes: 8", 9", 10", 12".

Millers-Falls Coping Saw Frames

M66.

Below. 4½" throat. Blade locks, facing any of 4 directions.

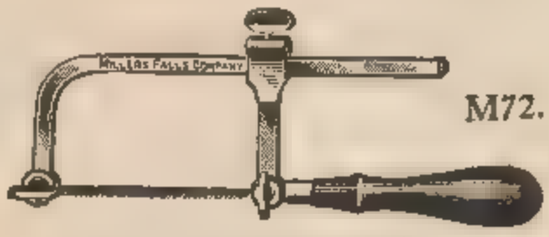




M67.

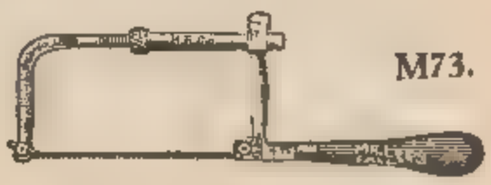
Above. 4" throat. Equipped with one Blade in frame and 1 doz. spares.

For CARPENTERS' SAWS, See Page 135.



M72.

Jewellers' Saw Frame



M73.

Jewellers' Saw Frame

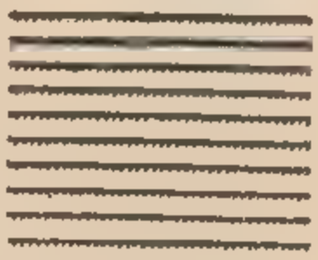
M71.

Goodell-Pratt Solid Steel Hack Saw Frames

These frames are similar to Fig. M63, as described above, excepting depth of blade to back, which is 5¼". Takes 12" Blade.

Metal Cutting Blades for Jewellers' Saw Frame

M74.



MILLERS-FALLS KEYHOLE HACK SAW

M75.

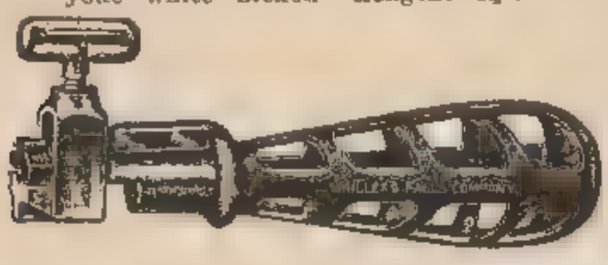
FOR CUTTING METAL OR WOOD

Cuts nails, metal lath, plaster board, stucco, armoured cable, conduit, packing, bakelite, fibre, hard or soft wood, etc. Ideal for use in corners where an ordinary hack saw frame will not go. Light, flexible, strong.

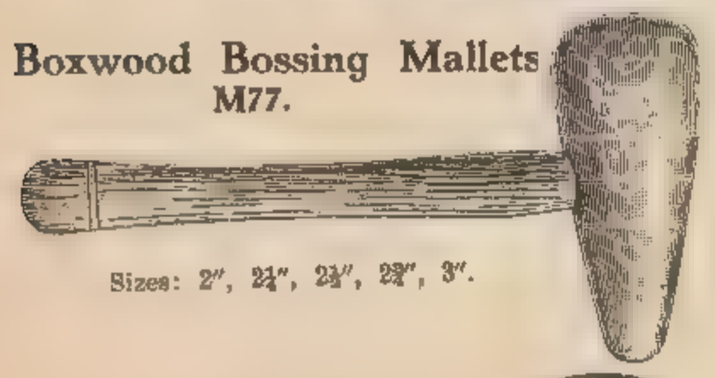
Millers-Falls Patent File Handle
M76.

While this handle holds perfectly files with tangs of all sizes and shapes, and is primarily a file handle, yet it also holds a variety of shanks of different shapes and sizes which do not exceed ⅝" square or flat.

Malleable iron handle, japanned black. Screw and yoke white nickel. Length: 5¼".



Boxwood Bossing Mallets
M77.



Sizes: 2", 2¼", 2½", 2¾", 3".

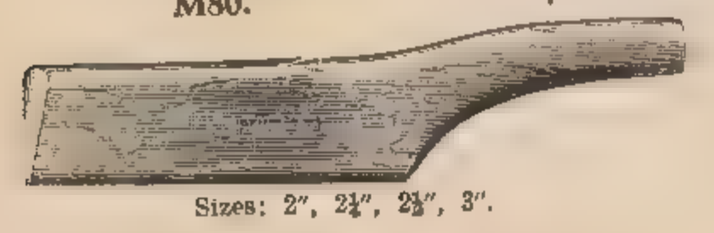
Tinsmiths' Boxwood Mallets
M78.

Sizes: 2", 2¼", 2½", 2¾", 3", 4".

Boxwood Turnpins
M79.

Sizes: ¾", 1", 1¼", 1½", 1¾", 2", 2½", 3".

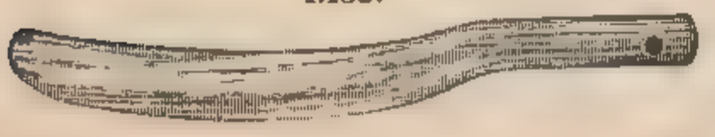
Boxwood Dressers
M80.



Sizes: 2", 2¼", 2½", 3".

Boxwood Bossing Stick
M81.

Boxwood Bending Stick
M82.



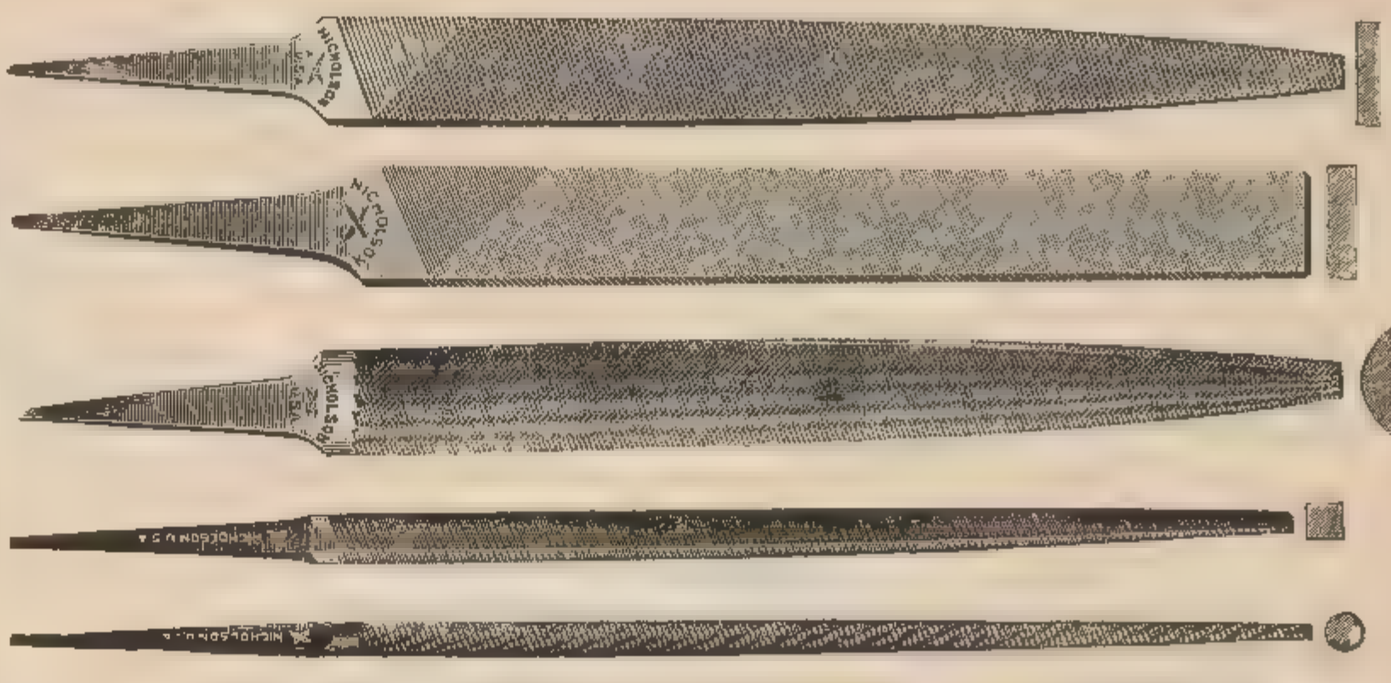
Boxwood Bobbins and Followers
M83.

Bobbins—
Sizes: 1¼", 1½", 2", 2½", 3", 4".
Followers—
$1^{3}/_{16}$", $1^{7}/_{16}$", $1^{15}/_{16}$", $2^{7}/_{16}$", $2^{15}/_{16}$", $3^{15}/_{16}$".

FILES

A Comprehensive Range of English and Nicholson Files Always in Stock

NICHOLSON'S FILES



Bastard Files
M84.—Flat. **M85.**—Half Round. **M86.**—Round. **M87.** Square
Sizes: 3", 4", 5", 6", 8", 10", 12", 14", 16".

Hand Bastard Files
M88.
Sizes: 3", 4", 5", 6", 8", 10", 12", 14", 16".

Hand Smooth Files
M89.
Sizes: 3", 4", 5", 6", 8", 10", 12", 14", 16".

Second Cut Files
M90.—Flat. **M91.**—Half Round
Sizes: 3", 4", 5", 6", 8", 10", 12", 14", 16".

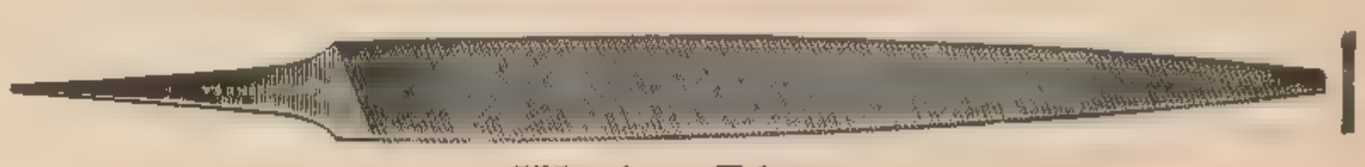
Hand Second Cut Files
M92.
Sizes: 3", 4", 5", 6", 8", 10", 12", 14", 16".

Smooth Files
M93.—Flat. **M94.**—Half Round
Sizes: 3", 4", 5", 6", 8", 10", 12", 14", 16".

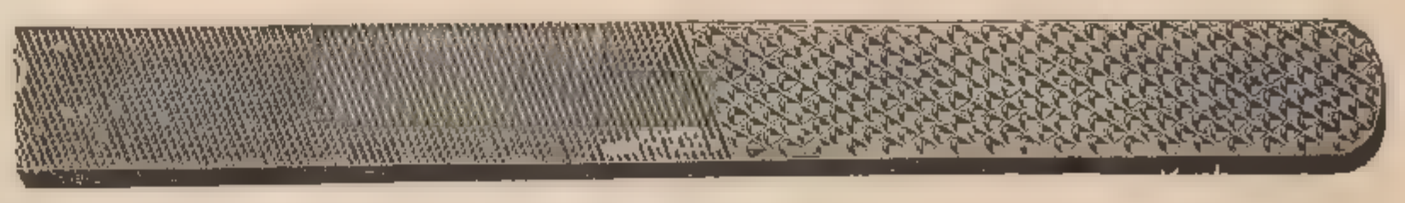
The "Dreadnought" Patent Milling Files

M95.—Tanged Pattern Taper Flat
M96.—Tanged Pattern Hand Parallel, with One Safe Edge.
Sizes: 10", 12", 14".

In Regular Cut, Fine Cut, and Combined Cuts (one side Regular, the other side Superfine).
The Dreadnought Milling File cuts equally well Cast and Wrought Iron, Steel, Iron, Bronze, and all other Hard Metals, and owing to its self-clearing properties cuts lead, brass, aluminium and other soft metals without clogging. It is also invaluable for use on slate, marble, fibre, wood, vulcanite, rubber, etc., etc.



Warding Files
M97.
Sizes: 3", 4", 5", 6", 8".

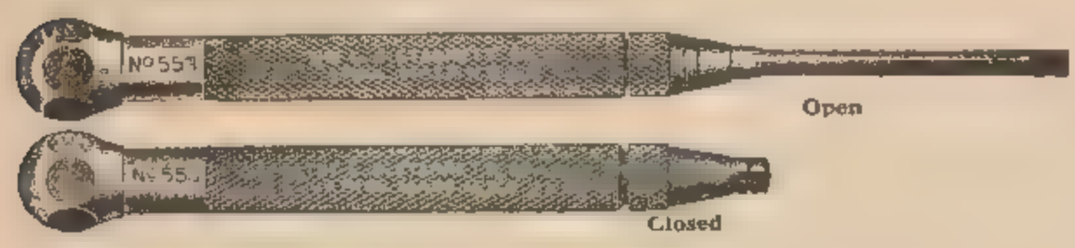


Horse Rasps
M98.
Sizes: 14", 15", 16".

GOOD TOOLS ARE AN INVESTMENT

Pocket Screwdrivers
M99.

This Tool is made from steel tubing, knurled and nickel-plated. The shank of the blade fits a solid lock in the tube, preventing it from turning, and is held from coming out by a slight turn in the chuck.
To carry in pocket, reverse the blade, inserting it in the handle, giving a slight turn of the chuck to keep it there. It takes no more room in the pocket than a penknife.



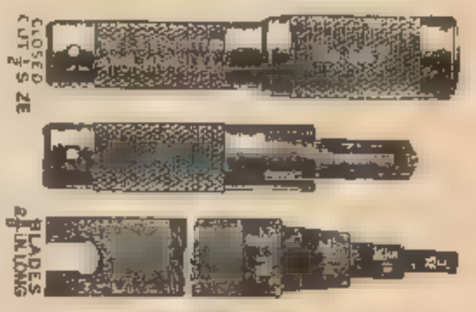
Starrett's Screwdrivers for Eyeglasses and Other Small Screws
M100.

Screws in eyeglasses have a provoking way of getting loose. This little tool is just the thing to have at hand in such cases. It is made in two pieces and screwed together, telescoping the driver blade when not in use. It is nickel-plated, neat to carry in the pocket, or key ring, or to attach to a watch chain.

Starrett's Jeweller's Screwdrivers
M101.

Substantially made from steel tubing, knurled and nickel-plated. Five constitutes a set, with blades varying from .040 to .100 inch in width. The blades are held from turning in the handle by a solid lock, and from coming out by a slight turn of a neat chuck. The top is finished with a swivel knob concaved to fit the finger and hexagonal in shape to prevent rolling off the bench. To designate the size at a glance, the chuck end is marked with various grooves, four grooves indicating the finest size A, three grooves the next larger B, two grooves C, one groove D; the largest size, E, being plain.

Starrett's Magazine Screwdriver
M102.



This is a Pocket Screwdriver with four blades of different widths, any of which may be quickly taken from the telescopic handle and inserted in the end, which is automatically locked and firmly held for use.
The smaller blades may be used to make holes in wood, to start screws as well as to drive them home. The widths of the blades are 3/32", 5/32", ¼", and ⅜".

For other SCREWDRIVERS, see Page 141 this Catalogue

Three Square Scraper
M103.

For scraping valves, babbitt metal, journals, bearings, etc. Made of fine English steel, perfect hollow ground, hardened and tempered; 3½" blade, polished wood handle, brass ferrule.

M104. Curved Scrapers
IN SETS

These scrapers have the flat or under side depression ⅛", the cutting edges being 1/16" wide. Can be sharpened on the oilstone, and need never be put on a grinding wheel.
Best English File Steel.
Set of 3, one each 10", 12", 13".

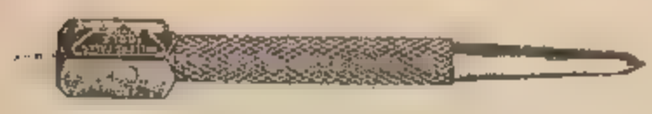
Bell Centering Punches
M105.

Designed to quickly and accurately centre both round and square stock. Each tool has four case-hardened steel bearings. The punch runs through a guide, giving the punch an accurate bearing throughout its length. The punch is made of 5/16" tool steel, hardened and tempered. The entire tool is polished.
No. 529.—Centres up to 1 inch.

No. 534.—Centres up to 1½ inches

Saw Punch (No. 200)
M106.

There is so much variation in the sizes of various styles of butchers' saw frames that most of the better class of butchers' saw blades are not punched when they leave the factory. All dealers in and users of these blades will find this inexpensive device very convenient for punching the necessary holes. The frame is made of nickel-plated, malleable iron. The screw and crossbar are polished steel. The punch and die are made from fine tool steel, carefully tempered. Length over all, 5¾". Size of punch ⅛". Net weight, 7 ounces.

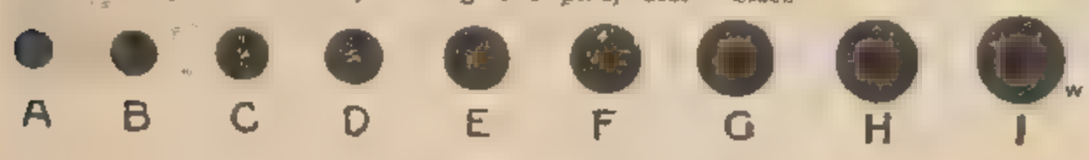


Square Head Centre Punch
M107.

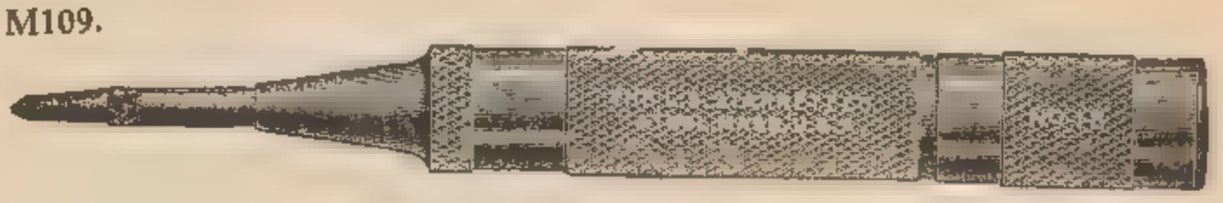
Bright finish. Body, 5/16" diameter. Head, ⅜" square. Length over all, 4 inches.

Solid Punches (All Steel)
M108.

These Punches will be found very useful for punching holes in Thin Sheet Metal, driving out pins, etc. Sizes—



Automatic Adjustable Stroke Centre Punch
M109.



The ordinary hammer and centre punch are not sufficiently accurate when laying out fine work. They require the use of both hands, and the accuracy of the blow depends upon the skill of the mechanic.
This Patented Centre Punch contains a mechanism which automatically strikes a blow of any required force when the punch is in the exact position desired by the operator. It is provided with a knurled adjustable screw cap, which, working in connection with a spring, regulates the stroke. For work requiring a heavy mark, turn cap down; for work requiring a light mark, turn it up. To use it, no hammer is needed. The punch being placed in an upright position over the working line, a downward pressure releases the striking block and makes the impression without danger of slipping, as is liable when a hammer is used. When adjusted for either light or heavy stroke, all indentations are of a uniform size for the starting of the drill, etc., and more accurate and quicker work may be done as required on delicate work in tool making. The working parts are hardened, durable and accessible for such repairs as may ever be needed. The adjustable cap fits the hand, with no stroke adjusting screw through and above it to bother. The point can be removed for regrinding and easily replaced. The AA size is 3¾" long when adjusted for medium stroke, ⅜" diameter, and weighs 1 ounce. The A size is 5" long when adjusted for a medium stroke, ½" in diameter, and weighs 3 ounces. The B size is 6 inches long when adjusted for a medium stroke, ⅝" in diameter, and weighs 4 ounces. It differs from the other sizes in being larger and capable of striking a much heavier blow. Sizes: 18AA, 18A, 18B.

Starrett's Centre Punches
M110.

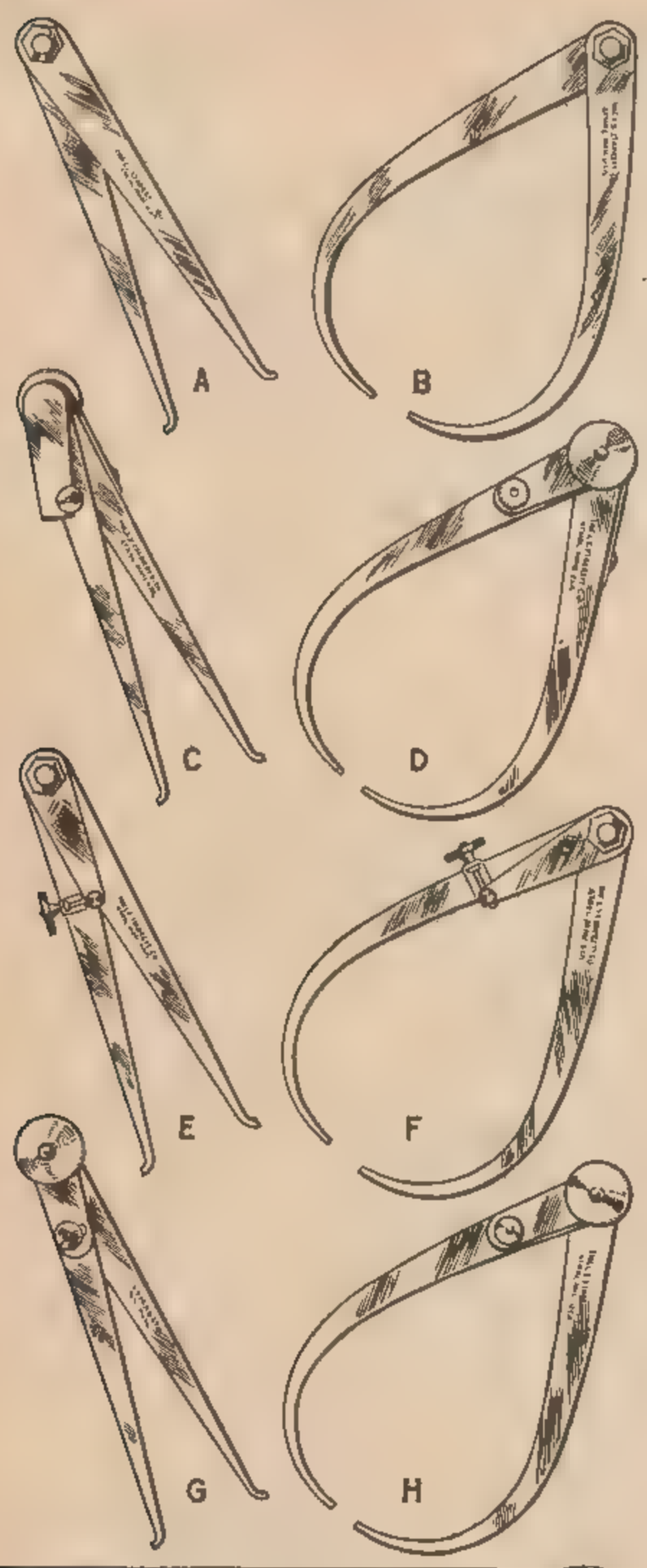
Made of Fine Grade Steel. Both Ends Tempered, and Points Nicely Ground. Sizes: 5/64", 3/32", 9/64", 5/32", ¼". Length of each size, 4 inches, except E, which is 5 inches.
Moore & Wright's also stocked.

Countersink
M111.

Superior Steel, and can be used in either hard or mild steel.

DANKS for TOOLS for all TRADES!

Precision Tools



Inside A — **M112.** — Outside B

Starrett's Improved Firm Joint Callipers

The improvements in these Callipers prevent the stud from turning when loosening and tightening, and ensure a smooth and uniform friction of more or less tension to suit the user. Sizes: 3", 4", 5", 6", 8", 10", 12", 18"

Inside C — **M113.** — Outside D

Starrett's Lock-Joint Transfer Callipers

These Callipers may be used inside of chambered cavities, over flanges, etc., removed and replaced without losing the size callipered. Sizes: 4", 5", 6", 8", 10", 12".

Inside E — **M114.** — Outside F

Perfected Firm-Joint Screw Adjusting Callipers

Screw adjustment for fine measurements; improved joint, which may be set to any desired degree of uniform tension. Sizes: 4", 6", 8", 10", 12", 14", 16", 18".

Inside G — **M115.** — Outside H

Starrett's Lock-Joint Callipers

A reliable Lock-Joint Calliper of wide scope for both inside and outside work. Sizes: 4", 5", 6", 8", 10", 12", 14", 16", 18", 20", 24".

Outside J — **M116.** — Inside I

Yankee Callipers

Similar to the Fay pattern, but are lighter. They are very reliable. With either solid or spring nut. Sizes: 2½", 3", 4", 5", 6".

Outside K — **M117.** — Inside L

Starrett's Toolmaker's Callipers

Made from round stock with legs drawn down. Finely finished. They are made with solid nut only. Sizes: 2", 3", 4", 5", 6".

Inside N — **M118.** — Outside M

Thread Callipers

These Callipers are designed for measuring the diameter at bottom of inside or outside threads. Sizes: 4", 5", 6".

M119. (O)

Yankee Spring Dividers

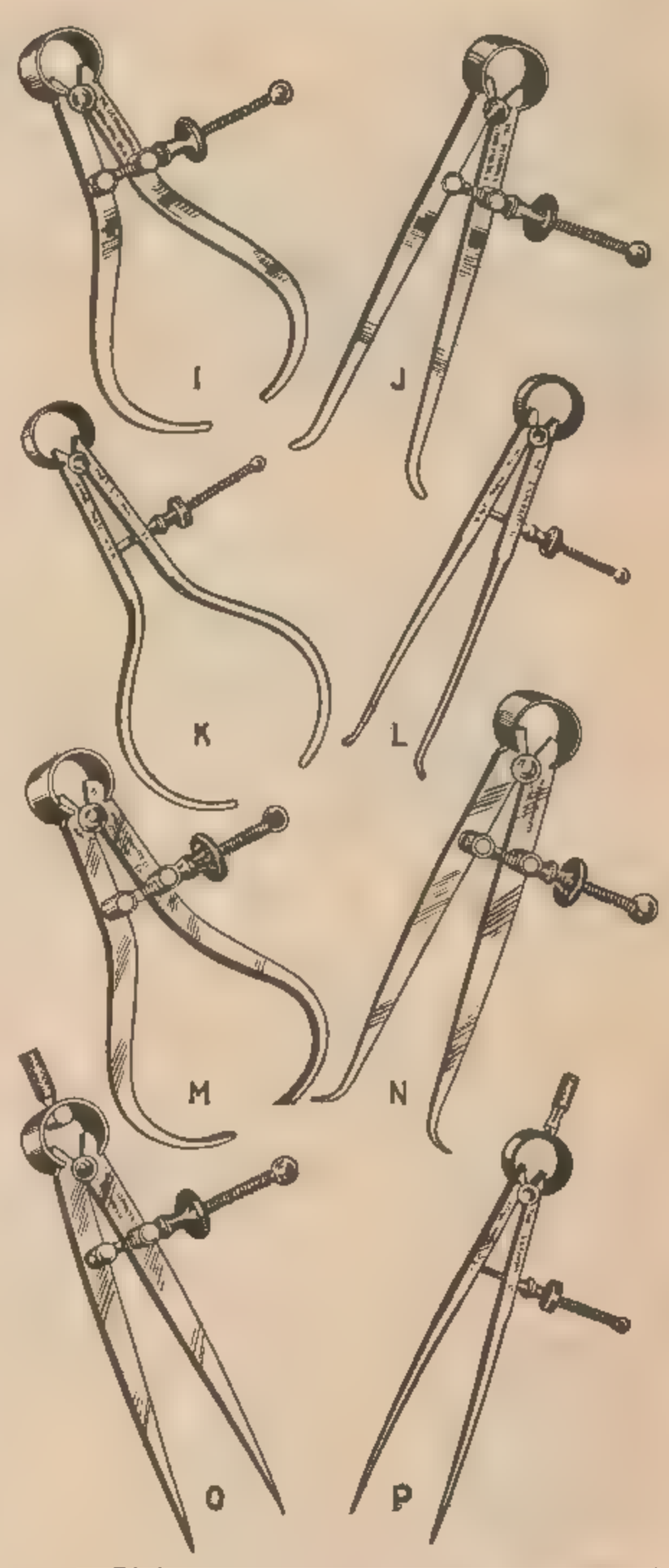
Sizes: 2½", 3", 4", 5", 6".

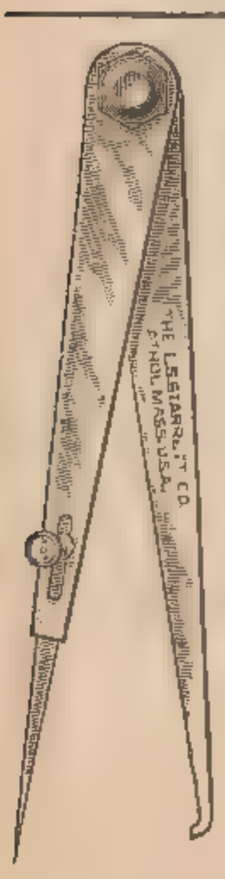
M120. (P)

Toolmaker's Dividers

Sizes: 2½", 3", 4", 5", 6".

NOTE.—Callipers and Dividers are sent with Solid Nut unless otherwise ordered.





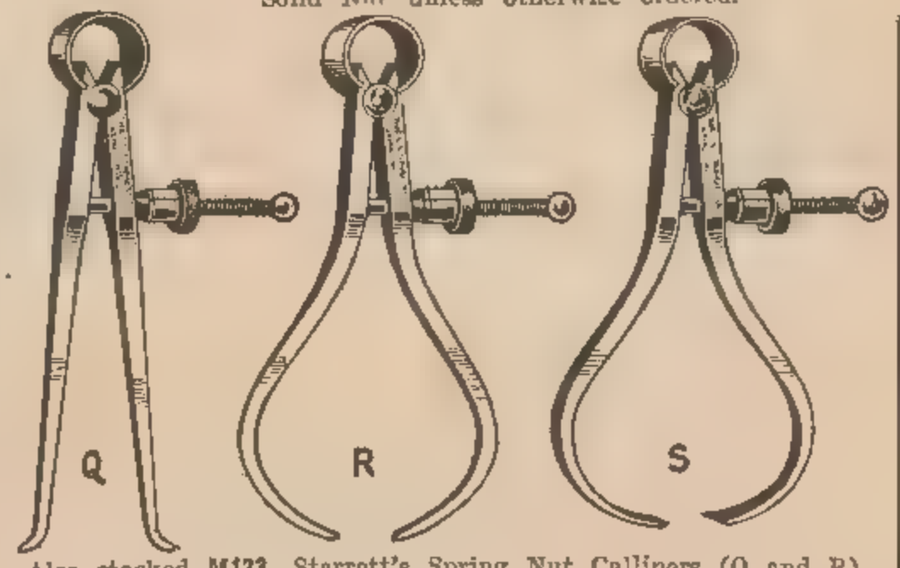
Starrett's Hermaphrodite Callipers

M121.

With adjustable point, lock joint and sensitive adjustment. Reverse cut shows adjustable point; the front cut the lock-joint and sensitive adjustment. The adjustment is obtained by the knurled disc. Sizes: 4", 6", 8".

M122.

Adjustable points and improved firm joint. Sizes: 4", 6", 8".



Also stocked **M123**, Starrett's Spring Nut Callipers (Q and R), and **M124**, Starrett's Thread Callipers (S), Spring Nut.

DO NOT CUT CATALOGUE, ORDER BY NUMBER.

Index Callipers

M125.

May be used as either inside or outside, and registers in inches and metres. Sizes: 5", 7".

Pocket Scribers (No. 70)

M126.

This tool is made from steel tubing, knurled and nickel plated. The scriber is made from the best quality of steel, nicely tempered, and is held by a knurled chuck.
Size A: Handle ¾" diam., blade 2⅝" long.
Size B: Handle ⅝" diam., blade 2⅞" long.

HIGH GRADE TOOLS AT REASONABLE PRICES

JOHN DANKS & SON PTY. LTD.

MELBOURNE AND SYDNEY

GAUGES

SCREW PITCH
THICKNESS
CENTRE
FILLET AND
TAPER WIRE

Improved Screw Pitch Gauge M130.

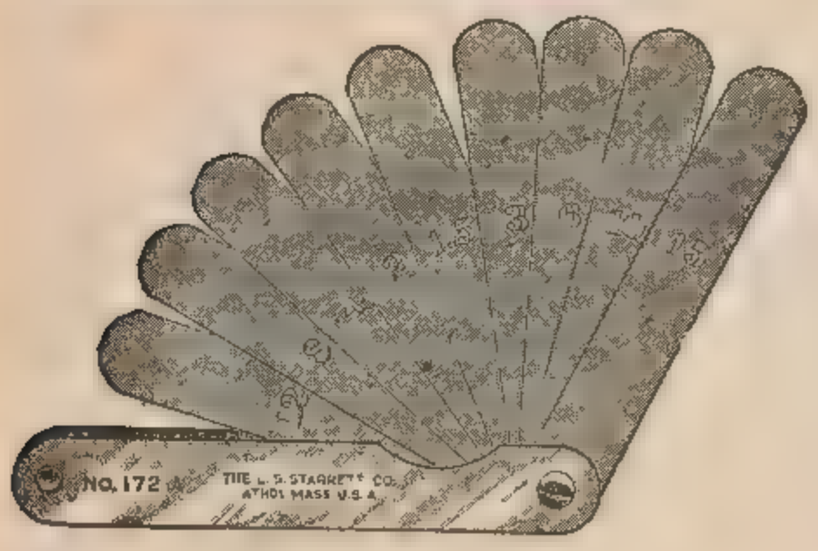
In this Gauge the free end of the leaf is made narrow, permitting it to be inserted in a small nut so that either outside or inside threads may be compared.

A late improvement in our screw pitch gauge is the stamping on each leaf of decimals showing the double depth of thread, which, of course, equals the depth of threads on the two sides of a tap having the same pitch. This enables the workman to determine what size of drill must be used to leave a full V-thread for a tap having the same pitch. To do this, calliper with a micrometer over the threads of the tap and from its size in thousandths shown, deduct those decimals given on the pitch gauge leaf which agree with the pitch of the tap. The result will show in thousandths the size of drill needed for a full thread. Allowance is to be made for the amount the thread is to be flattened.

The gauge has 22 pitches, viz.: 9, 10, 11, 11½, 12, 13, 14, 15, 16, 18, 20, 22, 24, 26, 27, 28, 30, 32, 34, 36, 38, 40.

Starrett's Thickness Gauge or "Feeler" M133.

This Gauge has 22 leaves, varying in thickness by thousandths, running from .004 to .025. The thickness of each leaf is designated by the number upon it. Length when folded up, 2¾".



Thickness Gauge M127.

A favourite Gauge with machinists and toolmakers in gauging narrow slots, as well as with the motor mechanic in adjusting the air gap for the valves on motors

Size A has nine leaves, viz.: .0015, .002, .003, .004, .006, .008, .010, .012 and .015, with either straight leaves as shown, or with tapering leaves

Sizes B and C have eight leaves the same as A with the omission of .0015

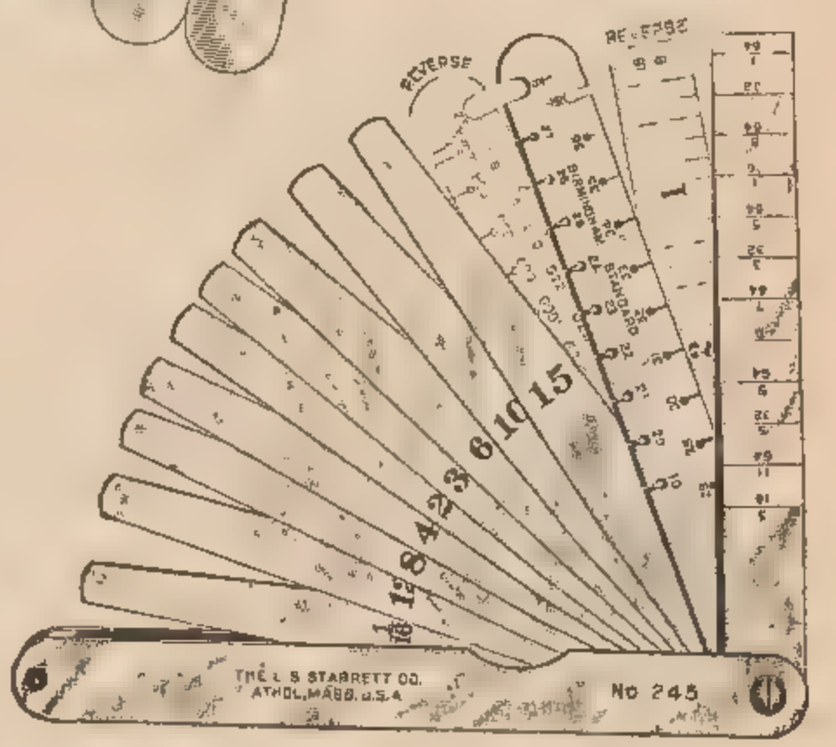
Size A—Case 3⅝" long by ½" wide; leaves 3 1/16" long by ⅜" wide.

Size B—Case 4¾" long by ½" wide; leaves 4½" long by ⅜" wide.

Size C—Case 6¼" long by ½" wide; leaves 6" long by ½" wide.

Thickness Gauge M131.

Starrett's (No. 71) contains the following leaves: .0015, .002, .003, .004, .006 and .015. This combination of leaves permits the adjustment of tappets on motors and the gauging of slots from .0015 to .031. The leaves fold neatly in a metal case.



Taper Wire and Thickness Gauge M134.

This Gauge is especially designed for the use of marine engineers, machinists and others desiring a set of gauges in compact form.

The taper gauge shows the thickness in 64ths to 5/16" on one side, and on the reverse side is graduated as a rule 3" of its length, reading in 8ths and 16ths of an inch.

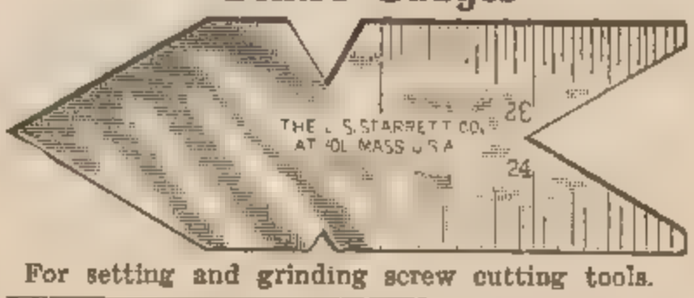
The wire gauge, English standard, shows on one side sizes numbered from 19 to 36, with two extra slots, one 1/16", the other ⅛" of an inch, and on the reverse side shows the decimal equivalents expressed in thousandths. This gauge has also nine thickness or feeler gauge leaves, approximately 4" long, of the following thicknesses: .002, .003, .004, .006, .008, .010, .012, .015 and 1/16", all folded within the case, which is 4¾" long, convenient to handle or to carry in the pocket.

Metric Screw Pitch Gauge M128.

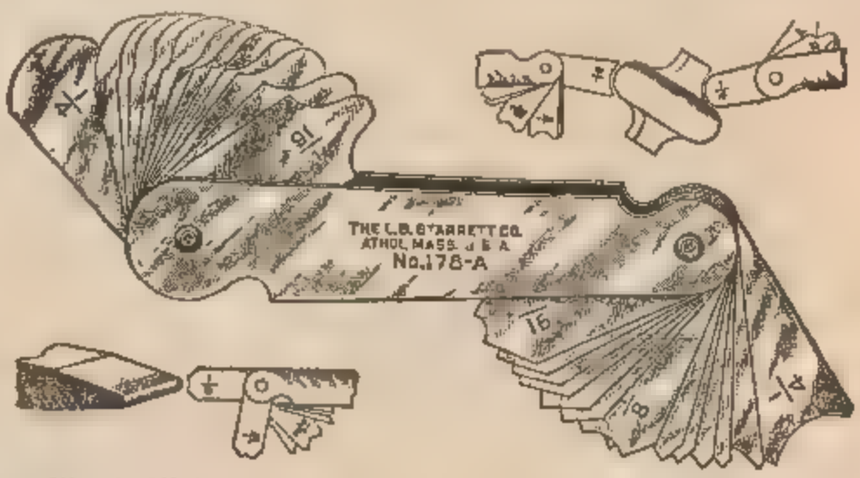
This Gauge is similar in design to 66972 with V thread.

The base of this system is one millimetre. It is pitched from ½ millimetre up to 2½ millimetres.

M132. Centre Gauges



For setting and grinding screw cutting tools.



Whitworth Screw Pitch Gauge M129.

26 pitches, 4 to 60
Has the following pitches: 4, 4½, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 16, 18, 19, 20, 22, 24, 25, 26, 28, 30, 32, 40, 48, 60
For Whitworth Standard Thread only.

Fillet or Radius Gauge M135.

This Gauge affords means of obtaining the radii of fillets, corners, etc., as shown by the illustrations. Each blade is stamped with the radius in 64ths, the external being on one side and the internal on the other. It can be used in any position or at any angle, the formation allowing it to be used up to a shoulder, and for duplicating sample pieces. The studs holding blades in place are eccentric with the round end of case. This is of advantage, as when the gauge is opened the edge of case stands well away from the edge of the leaves.

Size A has 16 leaves, with radii from 1/32" to 17/64", inclusive, by 64ths.
Size B has 16 leaves, with radii from 9/32" to 33/64", inclusive, by 64ths.

AUSTRALIA'S LARGEST RANGE OF PRECISION TOOLS!

DANKS, ESTABLISHED IN 1859

Starrett's Universal Surface Gauge

(No. 57)

M136.

	Stock	Spindle
Size A—	3″	9″.
Size B—	3″	9″ and 12″.
Size C—	3¾″	12″.
Size D—	3¾″	12″ and 18″.

This is an improved and most desirable gauge. The base is heavy and grooved for use on or against cylindrical work. The bracket being adjusted by a knurled screw in one end, against a stiff spring in the other, the spindle may be set upright or at any angle, or turned so as to work under the base and be sensitively adjusted to any position within its capacity.

Starrett's New Surface Gauge

(No. 257)

M137.

With Case-Hardened Steel Base

This Gauge has all the latest improvements. Its base is heavy and grooved through the bottom and end, adapting it for use on or against circular work as well as flat surfaces. The spindle may be set upright or at any angle, or turned so as to work under the base, and can be sensitively adjusted to any position. In the base are four gauge pins, frictionally held, which may be pushed to bear against the edge of a surface plate, or in the slot of a planer bed for lineal work.

For small work the spindle may be removed and the scriber inserted in a hole provided for it, where it can be sensitively adjusted and used to advantage on bench work. Special attention is called to the four gauge pins at the corners of the base, which adapt it to be used as a locomotive guide liner, and make it more convenient than other gauges for many uses.

An extra long spindle, which may be quickly substituted for the regular, will be sent with the gauge when ordered.

A—3″ base, with 9″ spindle.
B—3″ base, with 9″ and 12″ spindles.
C—3½″ base, with 12″ spindle.
D—3½″ base, with 12″ and 18″ spindles.

Starrett's Registering Speed Indicator

M139.

This instrument will automatically register hundreds as well as units and tens, thus relieving the mind from keeping tally. It will register up to 5000 revolutions and it is fitted with a hard rubber handle, making a safe insulator when used on electrical machinery. Nickel-plated.

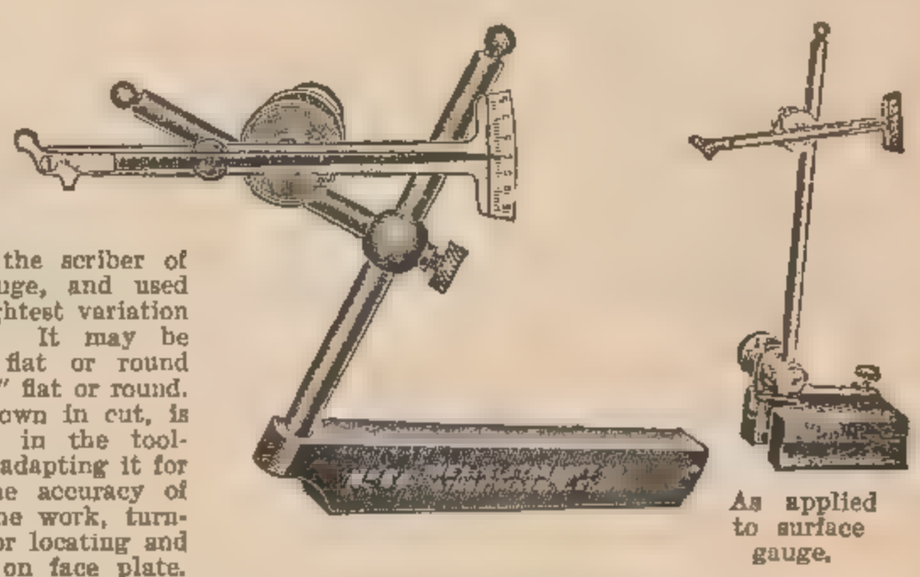
Starrett's High Speed Indicator

M140.

The frictionless bearing against which inner end of spindle revolves prevents heating. The working parts are encased, and dial plate has two rows of figures, reading right and left as the shaft may run. By moving the rotating disc to the starting point where the raised knobs coincide, the disc may be prevented from rotating by pressing the raised knob with the thumb. When the hand of your watch gets to the right position to take time, release the pressure, and thus liberate disc for counting revolutions. Every hundred may be noted by feeling the knob pass under the thumb lightly pressed against it, thus relieving the eye, which has only to look on the watch to note time.

Universal Test Indicator

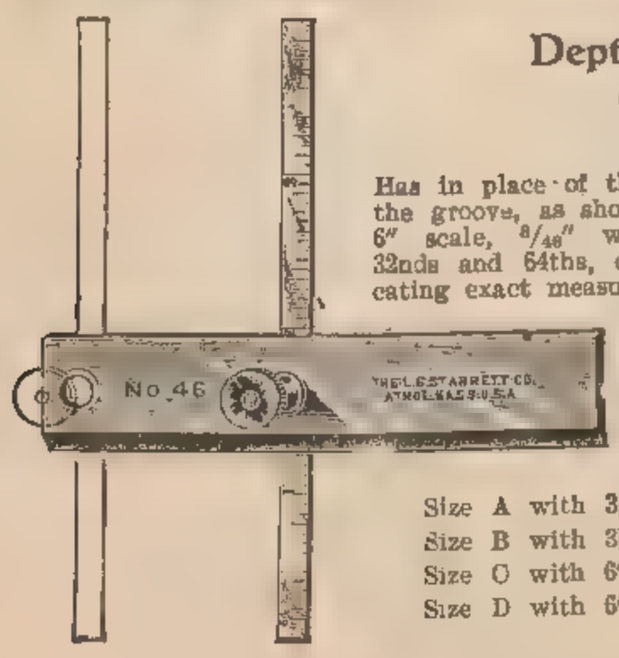
M141.



As applied to surface gauge.

This indicator may be used to test inside, outside or surface work. It can be instantly attached to the spindle or the scriber of any surface gauge, and used to show the slightest variation in thousandths. It may be clamped to a flat or round support, up to ⅝″ flat or round. A holder, as shown in cut, is designed to go in the tool-post of a lathe, adapting it for use to show the accuracy of all sorts of lathe work, turning, chucking, or locating and centering work on face plate. It is particularly adapted to truing up tool-makers' buttons, as it can be moved with the carriage of a lathe testing the button its full length. The head of the needle has three working points, equally distant from its fulcrum, so that the needle will vibrate, readings in thousandths, when work is in contact with either point—in front, above or below it. When in front, the spring operating the needle needs to be reversed to throw the point of the needle up instead of down, as when used above or below the work. This may be instantly done by a slight turn of the knurled disc to which the vibrating spring is attached. The working parts of the head are hardened. In setting the indicator, bring the contact point against the work so that the needle will point to 0, when any variation either way will show. The scale is graduated to read .015″ on each side of 0.

M142. No. 64A Indicator, with Tool-Post Holder and Arm complete.
M143. No. 64B Indicator only.



Depth Gauges

(No. 46)

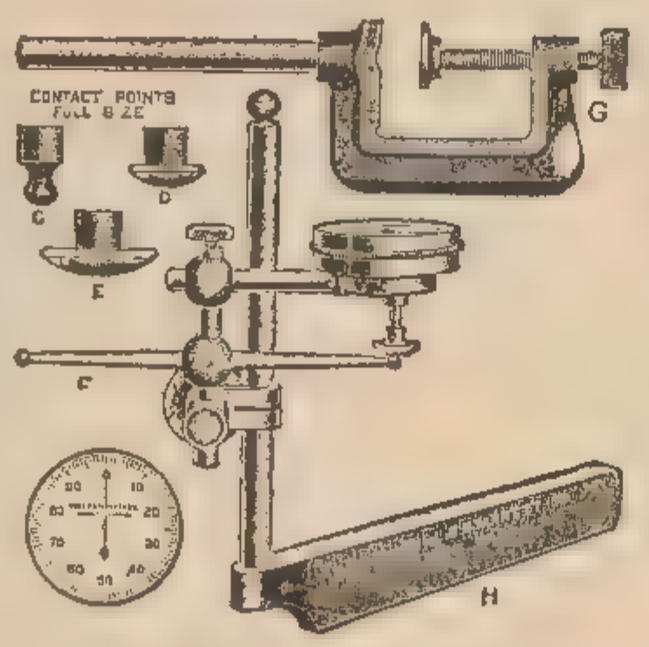
M138.

Has in place of the round wire to slide in the groove, as shown with No. 45, a 4″ or 6″ scale, 8/48″ wide, graduated in either 32nds and 64ths, or 64ths and 100ths, indicating exact measurements, and may be used separately from the gauge. This tool, like our No. 45, can be used with the scale clamped close to the end, allowing depth measurements to be taken in difficult places.

Size A with 3½″ stock and 4″ scale.
Size B with 3½″ stock and 6″ scale.
Size C with 6″ stock and 4″ scale.
Size D with 6″ stock and 6″ scale.

Do Not Cut Catalogue - - - Order by Number

M144. Universal Dial Test Indicator



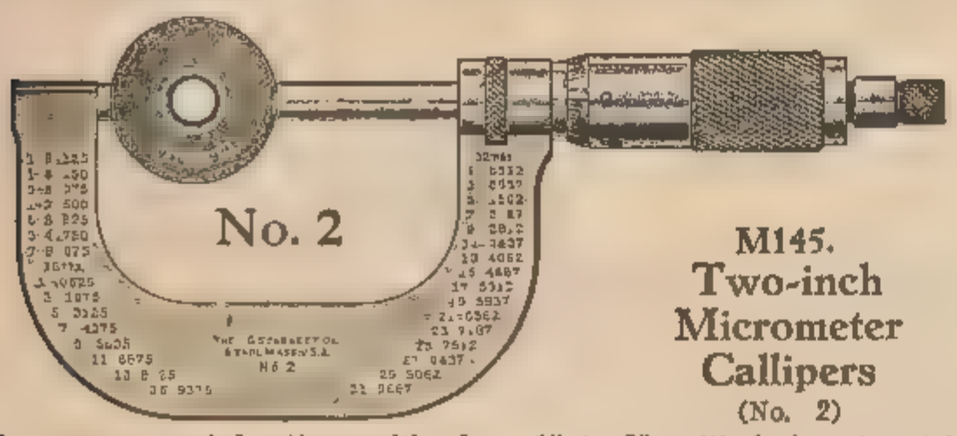
Simple, reliable, easily read and very sensitive, it may be adjusted to any angle. The slightest pressure upon contact point produces a movement of the hand on the dial. Circumference of dial divided into 100 equal spaces, each representing a movement of the contact point of one-thousandth of an inch. One revolution of the hand, therefore, indicates one-tenth of an inch, the capacity of the instrument being two-tenths. With the contact points D and E any exterior surface may be tested as in cutters, racks, etc., whereas the contact point C with its smaller radius and diameter should be used only on plain surfaces. By bringing the contact point against the work with just enough pressure to give the hand one full turn, then setting it at 0, an opportunity is given for one full revolution of the hand to both right and left of 0, showing a rise or drop in the work and the amount of variation. A most valuable feature is the adjustable dial. By turning the knurled rim the dial may be instantly moved to bring the 0 mark to any point desired in relation to the hand. Each indicator is fitted with three hardened contact points for different classes of work. The special tool post holder and sleeve are useful in lathe work. For general work the indicator with sleeve K is adapted for use with our 9" or 12" surface gauges, No. 57 A and B, and No. 257 A and B.

The clamp G permits attaching the indicator to large lathe and planer tools milling Arbors, etc.

The attachment F more than doubles the value of the indicator, adapting it for use inside of holes, to reach over blockings on face plates, etc.

No. 196A, Indicator with all attachments, as shown.

MICROMETER CALLIPERS



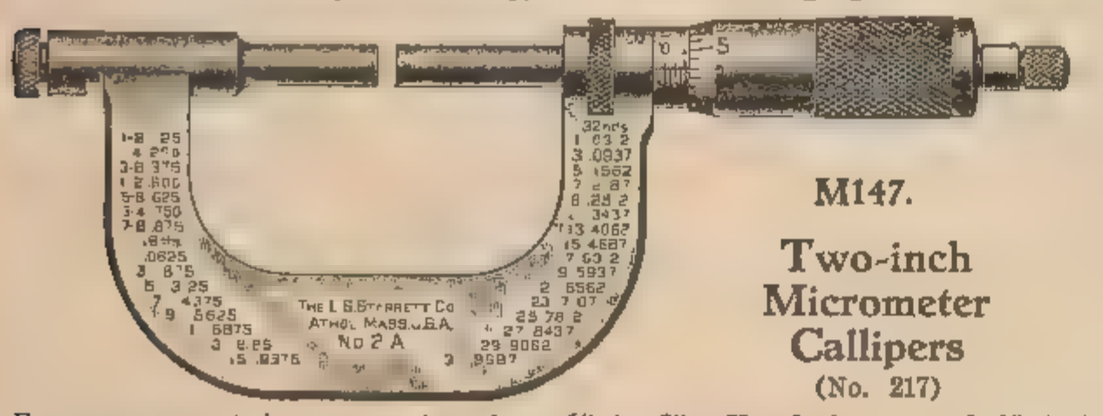
M145. Two-inch Micrometer Callipers (No. 2)

For measurement by thousandths from 1" to 2", with lock nut, ratchet stop, and 1" test gauge.

Note—This Micrometer Calliper we also furnish with lock nut at end of frame.

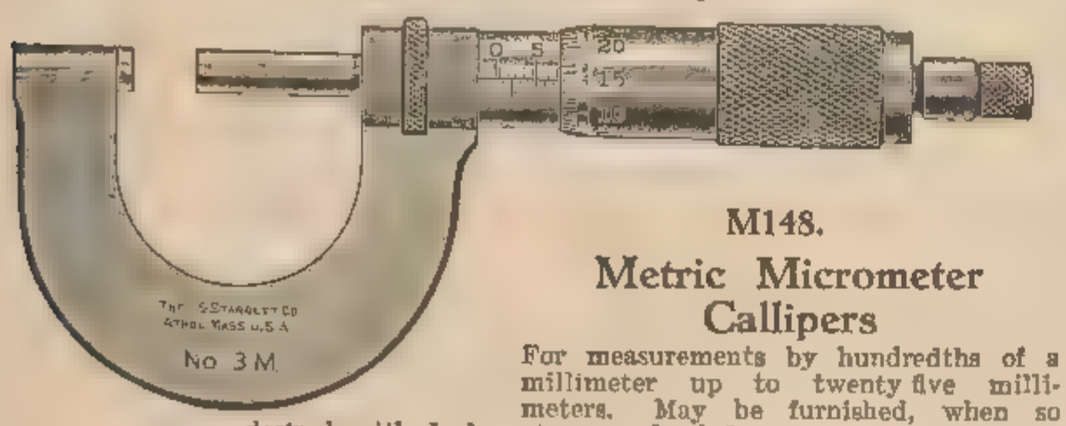
M146. (No. 213)

For measurement by ten thousandths from one inch to two inches, with lock nut, ratchet stop, and one-inch test gauge.



M147. Two-inch Micrometer Callipers (No. 217)

For measurement by thousandths from 1" to 2". Has lock nut and 1" test gauge, but no ratchet stop.



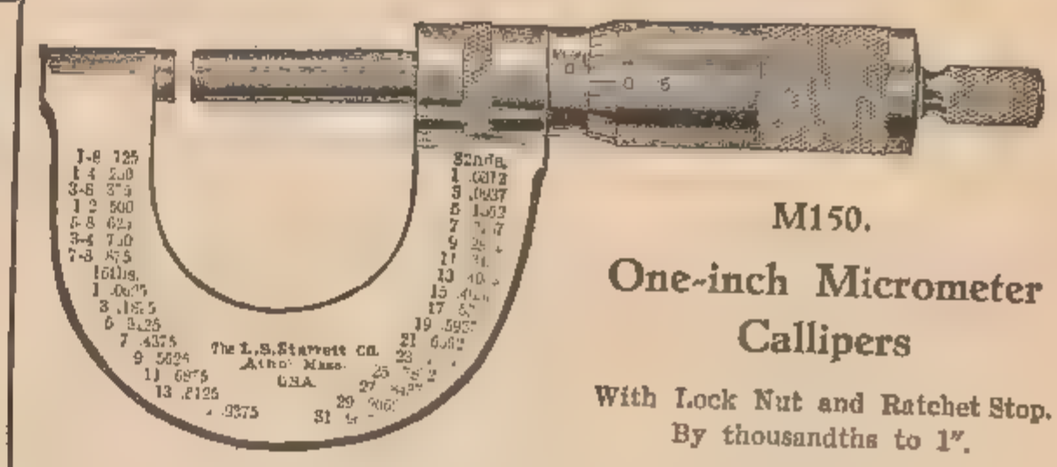
M148. Metric Micrometer Callipers

For measurements by hundredths of a millimeter up to twenty five millimeters. May be furnished, when so desired with lock nut on end of frame.

Has lock nut and ratchet stop.

M149. (No. 214)

Similar to above, but for measurements by ten thousandths from 1" to 2".



M150. One-inch Micrometer Callipers

With Lock Nut and Ratchet Stop. By thousandths to 1".

M151. Two-inch Micrometer Callipers

With a 1" Attachment.

M152. Half-inch Micrometer Callipers

With Lock Nut and Ratchet Stop. (No. 215). To measure by thousandths up to ½".

M153. (No. 219)

With Lock Nut and Ratchet Stop for measurements by ten thousandths up to ½".

Micrometer Calliper Gauges

M154.

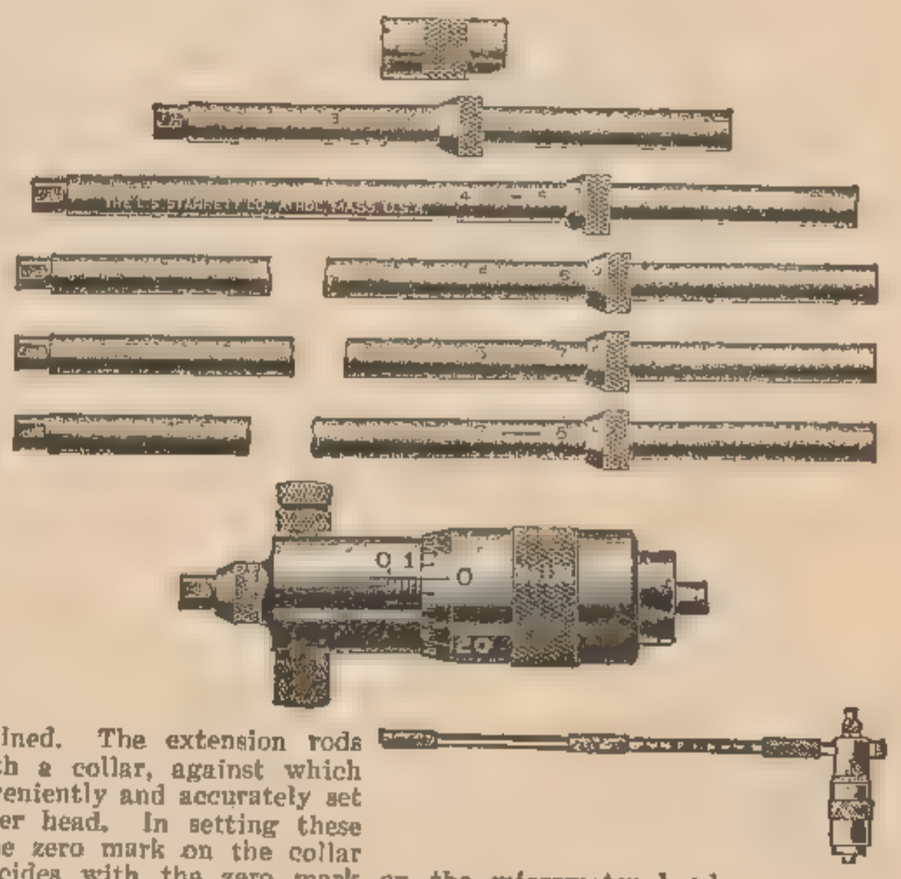
These Callipers meet the demand for accurate gauges at a low price. They are better adapted for general use than the Vernier or bar micrometer, as they can be set quickly for the different measurements and are more easily read.

Each Calliper is graduated to read by thousandths of an inch, is furnished with a lock nut, and is sent with or without ratchet stop as desired. The frames are drop forged from bar steel and are nicely finished. The 1" has the decimal equivalents stamped on the frame. The other sizes are marked to show their capacity.

Sizes: 1", 2", 3", 4", 5", 6".

Inside Micrometer Callipers

M155.



No. 124, like No. 120, is designed for internal and linear measurements, such as measuring cylinders, rings; also for setting callipers, comparing gauges, etc. It is also useful in measuring parallel surfaces. The micrometer screw in the head has ½" movement in Sets A and B, 1" in Set C, and, by means of the extension rods furnished, the sizes as given below for each set can be obtained. The extension rods are provided with a collar, against which the rods are conveniently and accurately set in the micrometer head. In setting these rods, see that the zero mark on the collar coincides with the zero mark on the micrometer head.

Set A has 6 rods and one ½" gauge, and measures from 2" to 8".

Set B has 10 rods and one ½" gauge, and measures from 2" to 12".

Set C has 4 rods and one 1" and two 2" gauges, and measures from 8" to 32".

Set D comprises sets A and C, and measures from 2" to 32".

The auxiliary handle, as shown in cut, can be used with Sets A, B, and D. The handle is used by removing the nut opposite the lock nut and screwing the handle in the place of same, thus fitting the tool for use in places too small for the hand.

Starrett's Vernier Callipers

M156. (No. 122)

These Callipers are graduated in either or both English and Metric divisions for outside and inside measure, and are warranted accurate. Points are placed on the beams and slides for setting dividers to transfer distances. Full directions for using the Vernier are sent with each calliper. The jaws are hardened, ground and lapped, parallel to each other, assuring accurate measurements at any contact points of the jaws.

These callipers are sent with finely finished plush lined case. Sizes: 4", 6". Graduated on the front to read by means of the Vernier in 1000ths of an inch. Graduated in 64ths on the back.

M157. Metric and English

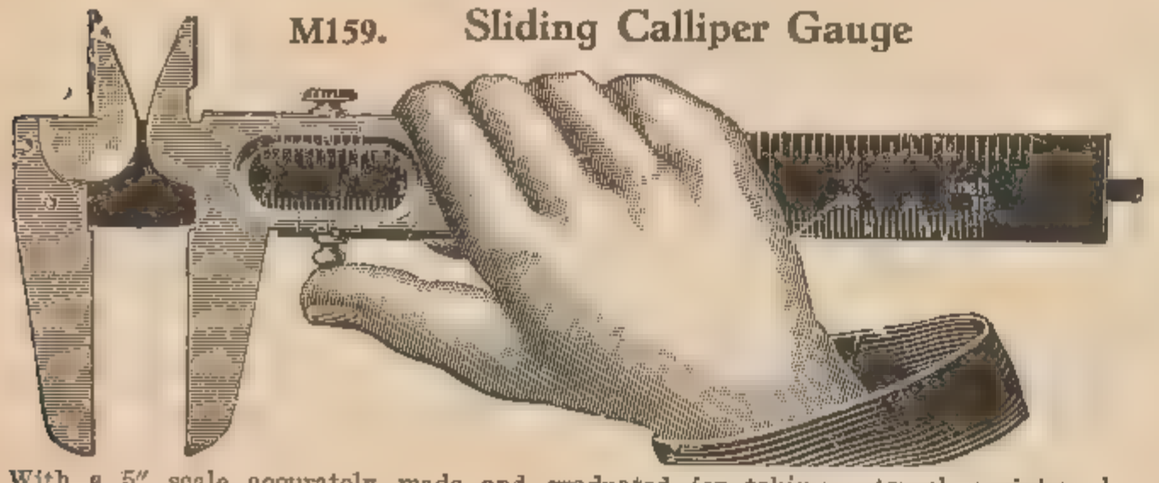
The same as No. 122 except that it has a Vernier on each side and is graduated to read by means of the Verniers, on the front in 50ths of a millimetre and on the back in 1000ths of an inch, with jaws ground to Metric widths as or Sizes: 150 mm. or 6", 200 mm. or 9".

M158. Metric and English

The same as No. 122 except that it has a Vernier on each side and is graduated to read by means of the Verniers on the front in 1000ths of an inch and on the back in 50ths of a millimetre, with jaws ground to English widths as or Sizes: 6" or 150 mm., 9" or 200 mm

Sent with case unless otherwise ordered.

M159. Sliding Calliper Gauge



With a 5" scale accurately made and graduated for taking external or internal measurements. Slide extension for depth gauge. Has lock thumb screw. Nickel plated and leather pocket.

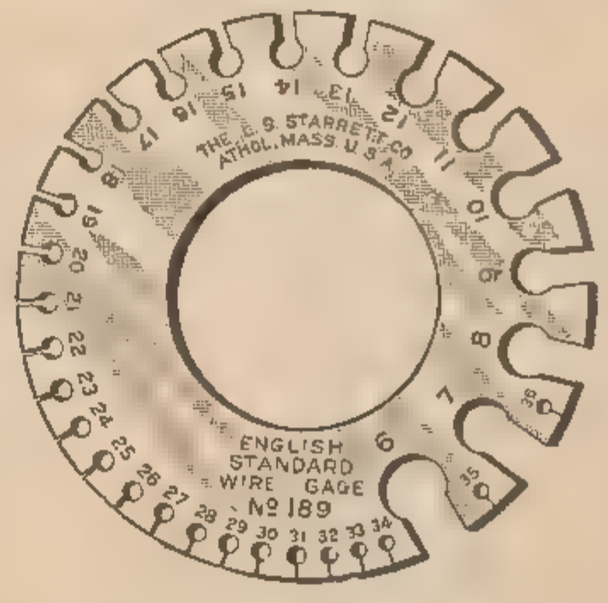
Metric and English graduations with Vernier reading to 10 millimetres and 128th inch.

English graduations with Vernier reading on one edge to 128ths. and on other 1000ths of an inch.

SEE PAGE 170 ON HOW TO READ A UNIVERSAL BEVEL PROTRACTOR WITH VERNIER

M161.

Double Circular Wire Gauge



Imperial Standard Wire Gauge

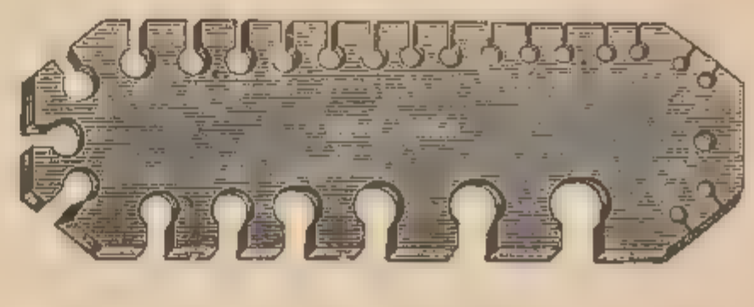
M162.

Sizes of the Numbers of Imperial Standard Wire Gauge.

This Gauge has black finish, and the decimal equivalents of each number are stamped on the back. Each gauge tested carefully after hardening.

Standard Wire Gauge

M163.



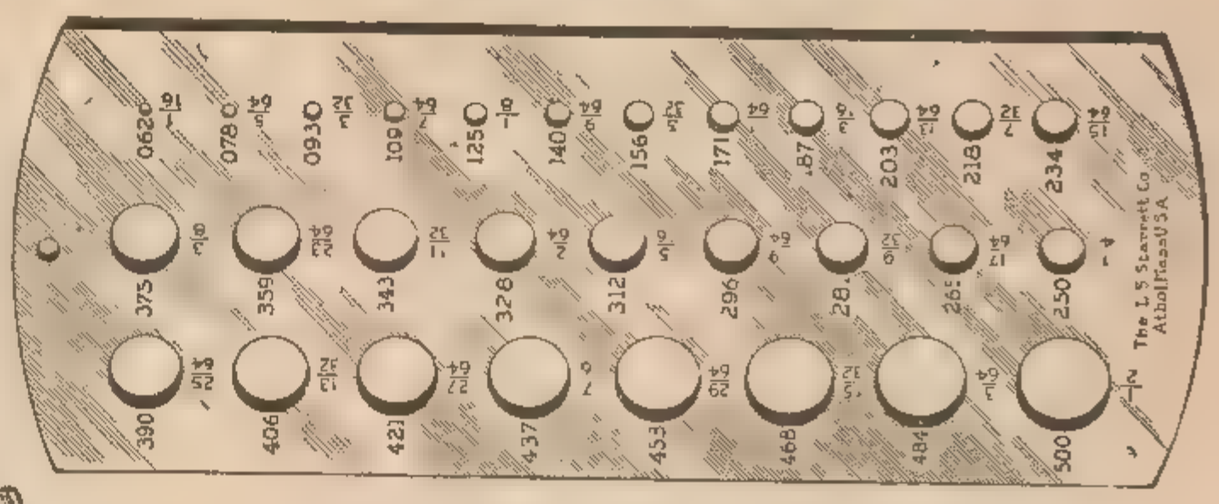
MAKE THIS CATALOGUE YOUR GUIDE FOR ALL YOUR NEEDS!

"Time Saver" Tap and Drill Gauge

M160.

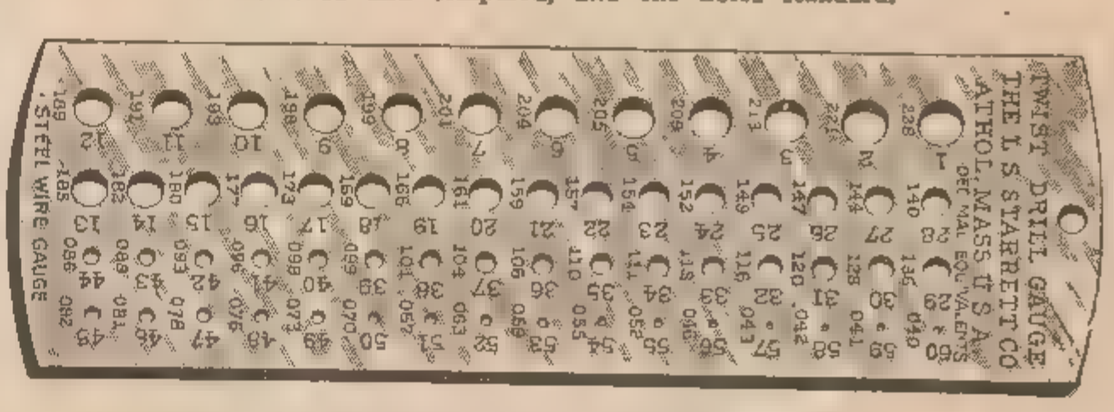
This Gauge is approximately $^5/_{64}$" thick, $2^{15}/_{16}$" wide and 6¼" long. It is hardened, ground and rubbed to a bright finish and is thoroughly tested after hardening.

By the use of this gauge one is enabled to select at once the right-sized drill to suit machine screw taps most commonly used, leaving just stock enough for the tap to cut as near a full thread as is practicable for one tap without breaking it, thus saving much time and uncertainty of result attending the former crude ways of making a selection.



M164. Jobbers' Drill Gauge

This Gauge shows sizes from $^1/_{16}$" to ½", varying by 64ths. Each size is designated by both common and decimal fractions. Gauge is hardened and tempered, and the holes standard.



M165. Drill and Steel Wire Gauge

This Gauge gives the number of drill to fit each hole, and the size of the hole in thousandths of an inch.

COMBINATION SETS AND SQUARES

Bevel Protractors

M166.

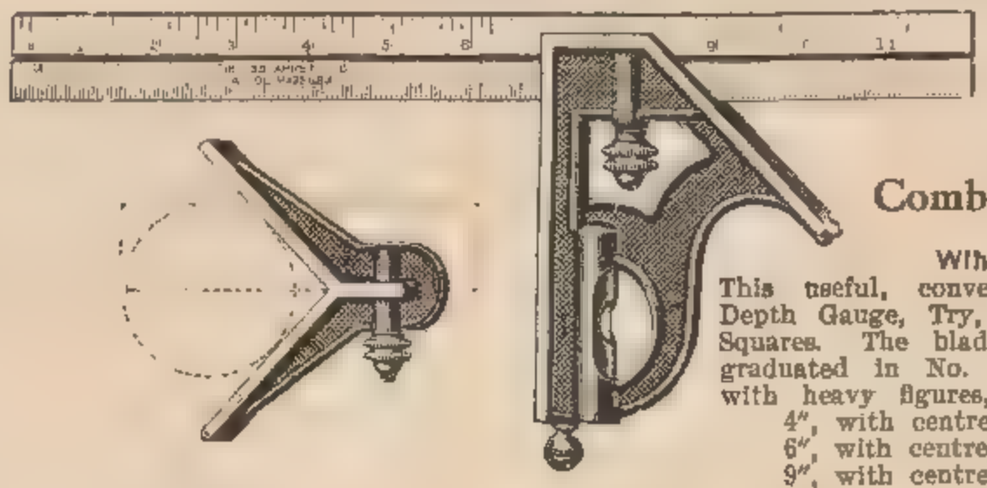
With Hardened Blade and Reversible Head

(No. 490)

This tool has the special feature of having the head extend both sides of the blade. This greatly increases the usefulness of the tool, as the same angles may be transferred from either side of the frame without re-setting. Another improvement is that the turret is graduated to read both ways from 0 to 180 degrees. Mechanics will clearly appreciate the point, as direct readings may be had from the turret, indicating the supplement of the angle as well as the angle required. The fact that there is but one zero line on the frame eliminates all possible chance of confusion as to whether acute or obtuse angles are obtained.

The head of the Protractor is 7" long and is supplied with an accurate level attached to one side as shown by cut. The blades are hardened and graduated with heavy figures reading both ways No. 4 graduation.

9", complete.



M169.

Starrett's Combination Square

(No. 11)

With Hardened Blade

This useful, convenient tool combines Depth Gauge, Try, Mitre and Centering Squares. The blades are hardened and graduated in No. 4 and 7 graduation with heavy figures, reading both ways.

4", with centre head, no level.
6", with centre head, with level.
9", with centre head, with level.
12", with centre head, with level.

M170.

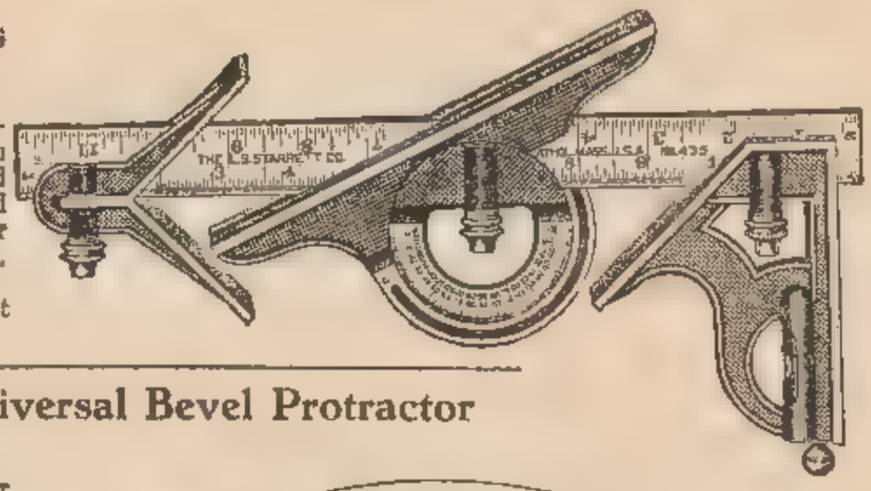
Combination Sets

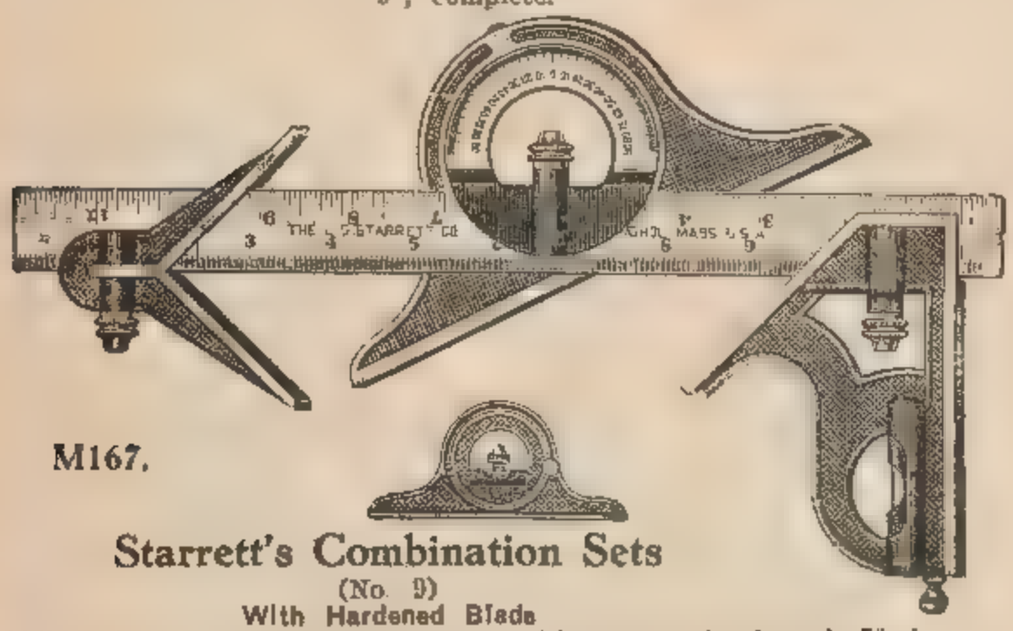
(No. 434)

With Hardened Blade

The Set consists of Combination Square, with hardened, drop forged stock and centre head and Reversible Protractor Head. Furnished with No. 4 graduation.

9", set complete; 12", set complete.





M167.

Starrett's Combination Sets

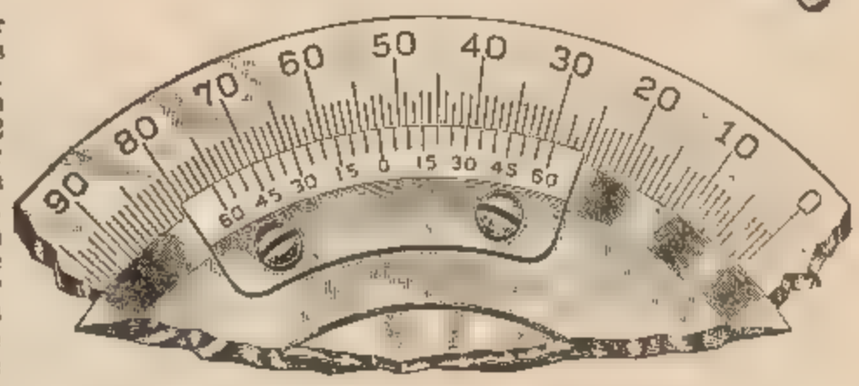
(No. 9)

With Hardened Blade

This cut shows Combination Set, with centre head and 7" bevel protractor head. Each head is interchangeable with the scale. Furnished with No. 4 and No. 7 graduation. No. 4 graduation sent unless otherwise ordered.

Sizes: 9", 12", 18", 24".

How to Read Universal Bevel Protractor with Vernier



The disc of the Protractor is graduated in degrees from 0° to 90° each way. The Vernier plate is graduated so that 12 divisions on the Vernier occupy the same space as 23 divisions on the disc. The difference between the width of one of the 12 spaces on the Vernier and two of the 23 spaces on the disc is therefore $^1/_{12}$ of a space on the disc. Each space on the Vernier is $^1/_{12}$ of a degree or five minutes shorter than two spaces on the disc. If a line on the Vernier coincides with a line on the disc and the protractor is rotated until the next line on the Vernier coincides with the next line but one on the disc, the Vernier has been moved through an arc of $^1/_{12}$ of a degree, or 5 minutes.

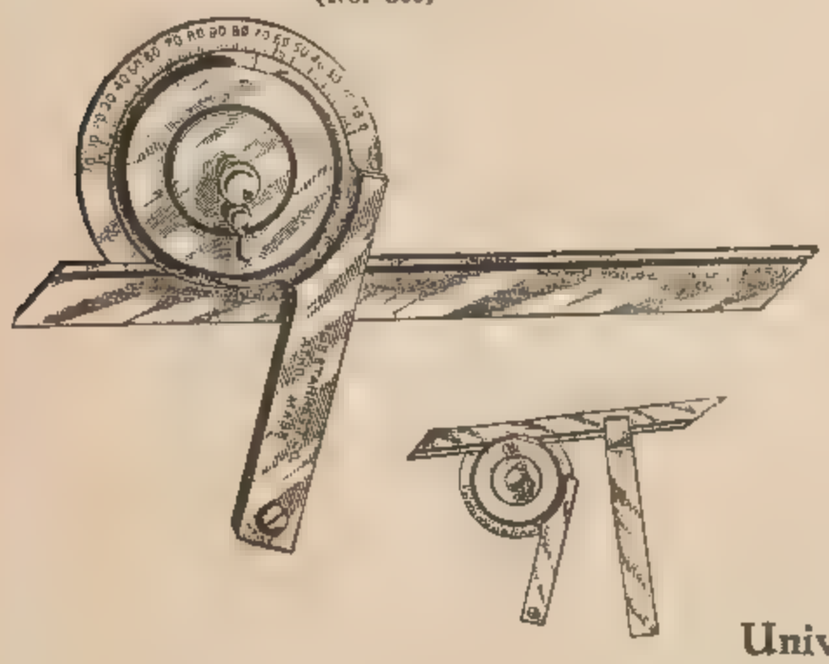
To read the protractor, note on the disc the number of whole degrees between 0 on the disc and 0 on the Vernier. Then count in the same direction the number of spaces from 0 on the Vernier to a line that coincides with a line on the disc. Multiply this number by 5 and the product will be the number of minutes to be added to the number of whole degrees.

In the above engraving the number of degrees between 0 on the disc and 0 on the Vernier is 52. The line marked 45 on the Vernier coincides with a line (70) on the disc, the number of spaces from 0 being 9. Multiplying this number by 5 gives 45, the number of minutes to be added to the number of degrees. The reading of the protractor is 52 degrees 45 minutes (52° 45').

M168.

Starrett's Universal Bevel Protractor

(No. 360)

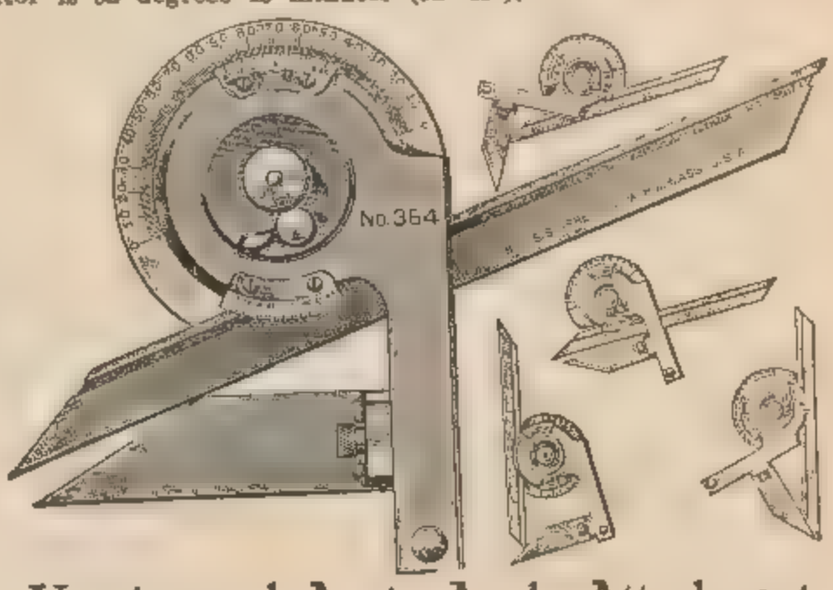


Adapted for work in positions where others cannot be used, and renders the common universal bevel (for transferring angles) unnecessary.

The attachment shown in the smaller engraving will be found very convenient for grinding worm thread tools, tapers on lathe centres, and all long tapers.

Sizes A: 7". Size C: 12".
Size E: With both 7" and 12" blades.
Attachment extra.

Order by Number Only
Do Not Cut Catalogue



Universal Bevel Protractors with Vernier and Acute Angle Attachment

(No. 364) **M171.**

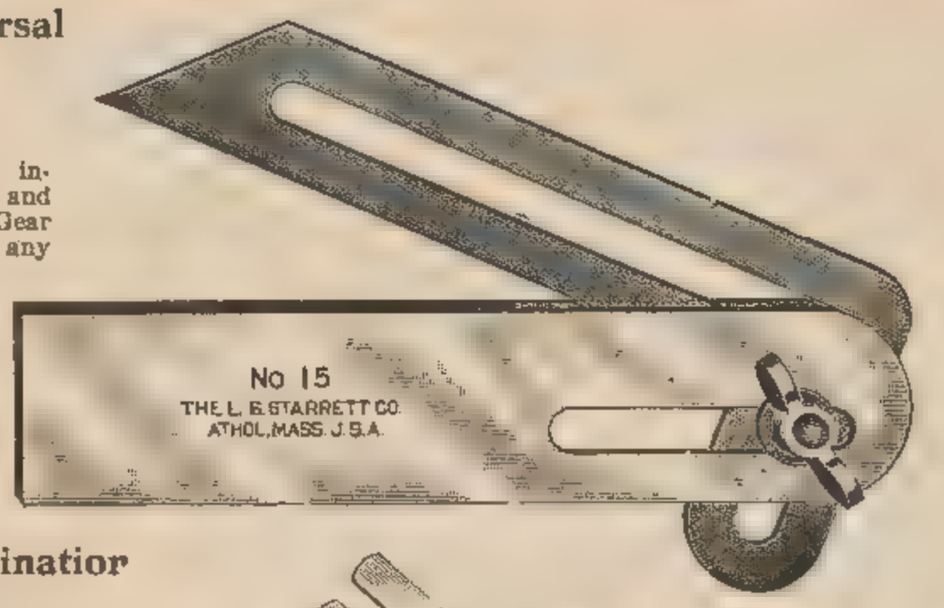
This Protractor is made with Verniers reading five minutes or one-twelfth of a degree. The Verniers are so placed with relation to the graduated half circle as to make the protractor readable by Vernier in any position. The protractor stock is 4" long and has either a 7" or a 12" blade, ½" wide. With the 7" blade the tool weighs but six ounces. The disc is graduated in degrees from 0 to 90 each way and rotates the entire circle on a central stud inside the case. The blade, clamped by an eccentric stud against the edge of the disc, may be slipped back and forth its full length, or turned at any angle around the circle and firmly clamped at any point. Attention is called to the fact that the figures on the Vernier are placed close to the lines, thus making it easy to read the tool when taking measurements. Attention is also called to the central locking nut on this protractor. By a slight turn of this nut the protractor is firmly held in position. The acute angle attachment enables the user to obtain very small angles.

Size A: 7"; Size C: 12".

Starrett's Universal Bevel

M172.

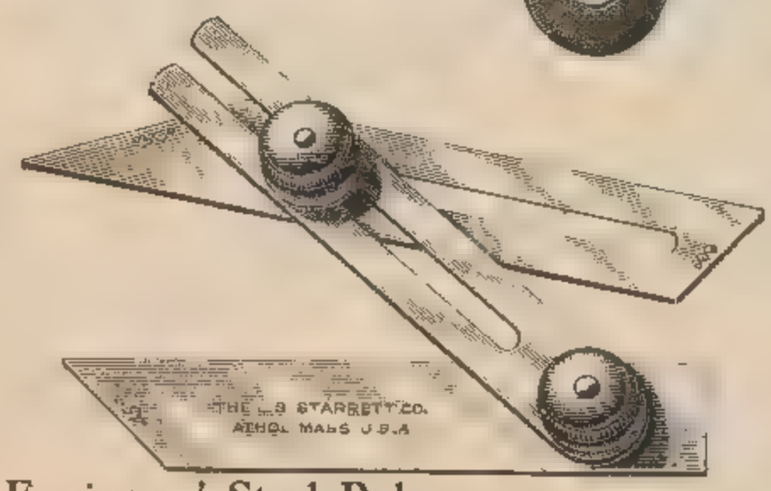
The set off in Blade increases its capacity and usefulness for Bevel Gear Work, etc., so that any angle, however slight, may be obtained.
Length, 3".



Starrett's Combination Bevel

M173.

This bevel has a stud riveted in the straight edge stock or head, on which its split blade is hinged, so as to swing over the stock, and be clamped at any angle. The slotted auxiliary blade with clamp bolt may be slipped on to the split blade, and be clamped at any desired angle, and used, in combination with the stock of the other, for laying out work, measuring, or showing any angle desired, and, when so combined, will lie flat upon its work.
Length, 4".



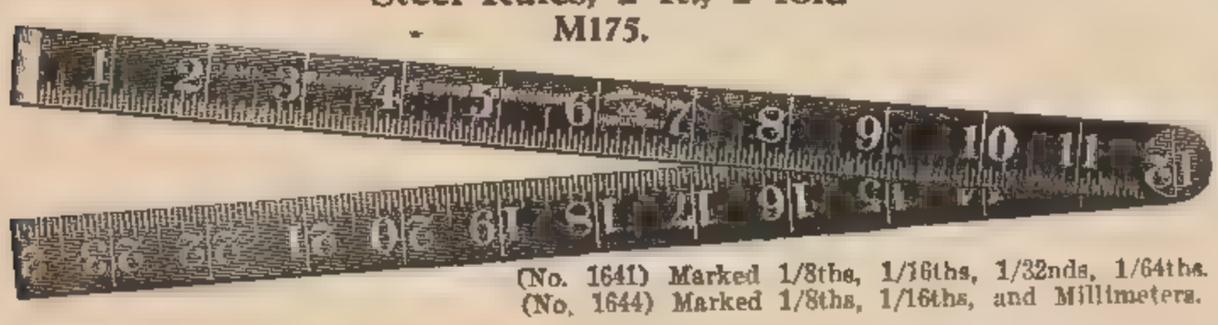
Engineers' Steel Rules

M174.

No.	Length	Markings
1	12"	Tapping and Spanner sizes, inches, 1/16ths, 1/32nds, 1/64ths.
10	12"	Marked one side, inches, 1/8ths, 1/16ths.
11	12"	Marked one side, inches, 1/8ths, 1/16ths, 1/32nds, 1/64ths.
11c	12"	Narrow and very flexible, marked same as No. 11.
14	12"	Marked one side, 1/10ths, 1/20ths, 1/40ths, 1/50ths, 1/100ths, 1/16ths, 1/32nds, 1/64ths.
25	12"	Marked both sides, inches, 1/8ths, 1/16ths, 1/32nds, 1/64ths.
34	12"	Marked both sides, inches, 1/16ths, 1/32nds, 1/64ths, millimetres.
11	18"	Marked one side, inches, 1/8ths, 1/16ths, 1/32nds, 1/64ths.
11	24"	
11	36"	

Steel Rules, 2 ft., 2 fold

M175.



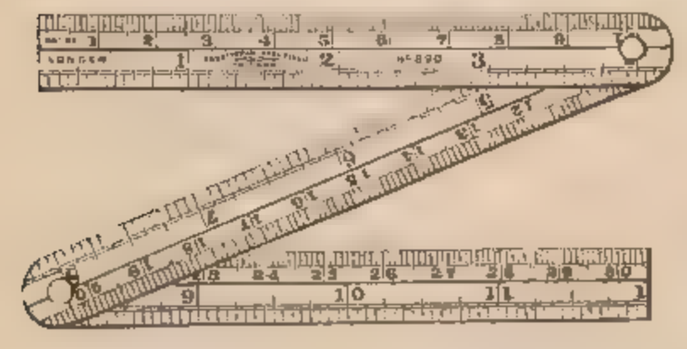
(No. 1641) Marked 1/8ths, 1/16ths, 1/32nds, 1/64ths.
(No. 1644) Marked 1/8ths, 1/16ths, and Millimeters.

Also in Brass, 2 fold, 2 ft. long

M176.

2 feet long, marked 8ths and 16ths. Machine made of hard brass, flexible.

(No. 1494), ⅝" wide, round stop joint. (No. 1495), 1" wide, round stop joint.
(No. 1498), 1½" wide, stop joint.



Flexible Folding Steel Rules

M177.

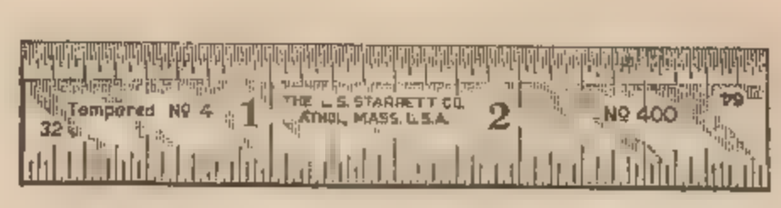
One Foot, Three Fold.
Marked 1/16ths, 1/32nds, 1/64ths.

Flexible Folding Steel Rules

M178.

One Foot, Three Fold
Marked 1/16ths, 1/32nds, 1/64ths, and Millimeters on one edge.

RULES



Starrett's Spring Tempered Rules

(No. 300.)

M179.

Graduations 1st corner in 64ths, 2nd corner in 32nds, 3rd corner in 16ths, 4th corner in 8ths. Thickness, 3/4ths.
Approx.—Widths: ½", ⅝", ¾", 1". Lengths: 2", 4", 6", 12".

(No. 303.)

M180.

Has same graduations as No. 300, except that it is graduated in 32nds on opposite sides at one end.
Approx.—Widths: ½", ⅝", ¾", 1". Lengths: 2", 4", 6", 12"

(No. 400.)

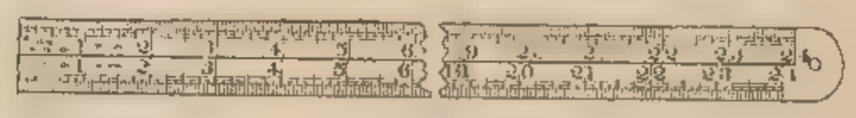
M181.

With one bevelled edge and end graduation. Has same graduations as No. 303, except that it has 64th graduations on the bevel edge.
Approx.—Widths: ½", ⅝", ¾", 1". Lengths: 2", 4", 6", 12".

(No. 603.)

M182.

Graduations similar to No. 400, except that the rule is figured so as to enable the user to quickly read the 64ths.
Approx.—Widths: ½", ⅝", ¾", 1". Lengths: 2", 4", 6", 12".

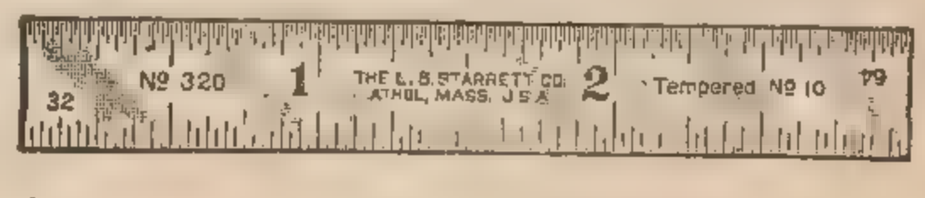


Patternmakers' Steel Contraction Rules, 24 inch

(No. 19.)

M183.

Standard, Single and Double Contraction for Iron, Single Contraction for Brass.



Starrett's Steel Rules

M184.

These are very thin spring-tempered rules, nicely graduated on one side only. Those from 1" to 12" are ½" wide, and will easily conform to a 2" circle. Those from 18" to 48" are ¾" wide, and are made from a trifle heavier stock.

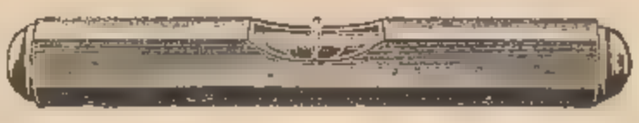
Graduated in 32nds and 64ths.
Length: 2", 3", 4", 6", 9", 12".

Folding Steel Rules

M185.

Sizes: 12", 24".

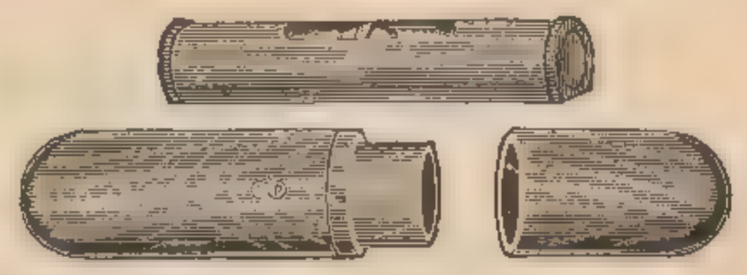
LEVEL SIGHTS, LEVEL TUBES, Etc., see Page 144



Stanley Nickel Plated Pocket Level

M189.

Made of hexagon brass tube, nickelled and polished. Sizes: 2½", 3½". In Preston's and Starrett's makes.



M190. **Brass Tube Levels**

Sizes: 2½", 4".

M186.

Starrett Cross Test Level

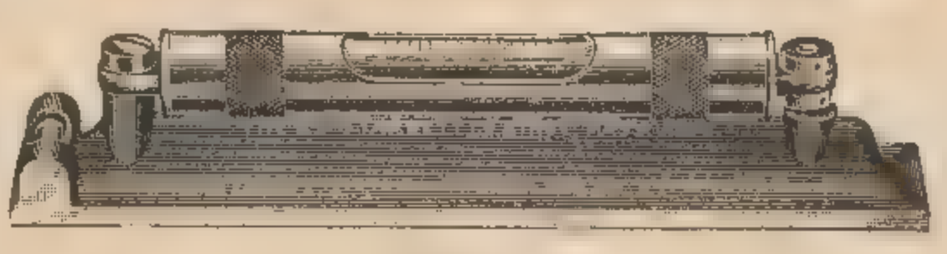
As the cut shows, two levels are united in one frame, extending at right angles 2¾" each way. The level weighs but four ounces. When placed on work to be levelled in both directions, it will not be necessary to move the tool.

Improved Levels for Testing Shafting, etc.

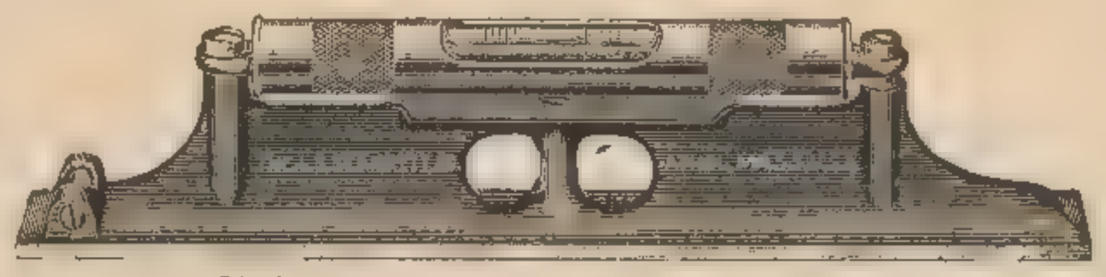
M187.

In addition to the regular parallel vial, the bases have a cross level which enables one to place or hold the base on a shaft level in its cross section, not canted sidewise; for the shape of a level glass is such that, though true as adjusted on a flat surface, it will not be reliable when canted sidewise. Hence the value of the cross level, not only to test the truth of shafting, but other surfaces which tend to throw the level base into a canting position.

The base of this level has an improved concaved groove running through the length of its base, leaving a flat margin each side, which improves its seat for flat work, while forming an absolutely true and reliable seat for shafting, etc., and is better than a V groove.

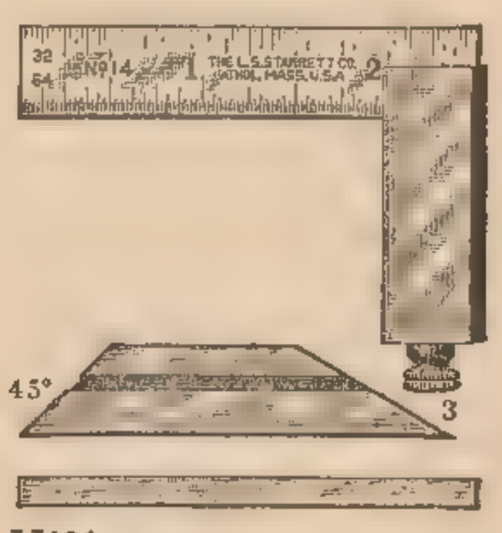


6" and 8" sizes.



12" size. The 18" is similar, but with double plumb.

Double Steel Squares



M191.

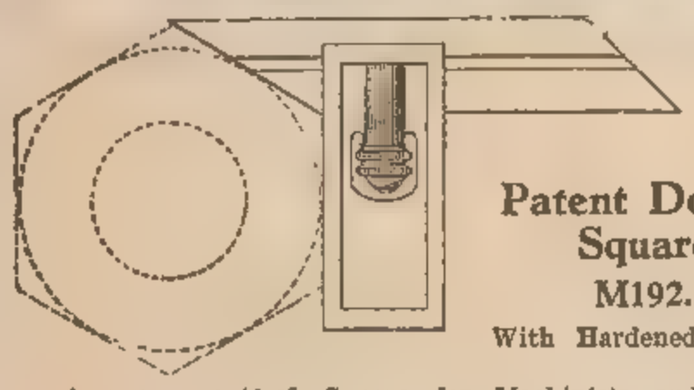
With hardened Head and Blades. This cut represents a double steel square, with a 2½" sliding blade, and is especially designed for tool makers. The rule being narrow and instantly adjusted to any length, however short, allows it to be used where it would be impossible to use any square with a fixed blade. The blade is graduated on one side only, in 32nds and 64ths.

Fitted to go with this stock there is not only a bevel blade 45° on one end and 30° on the other, but a very narrow straight one, about ⅛" wide, highly appreciated by die-makers for squaring small holes, both of which blades will be sent with the square unless otherwise ordered.

Engineers' and Plumbers' Levels

M188.

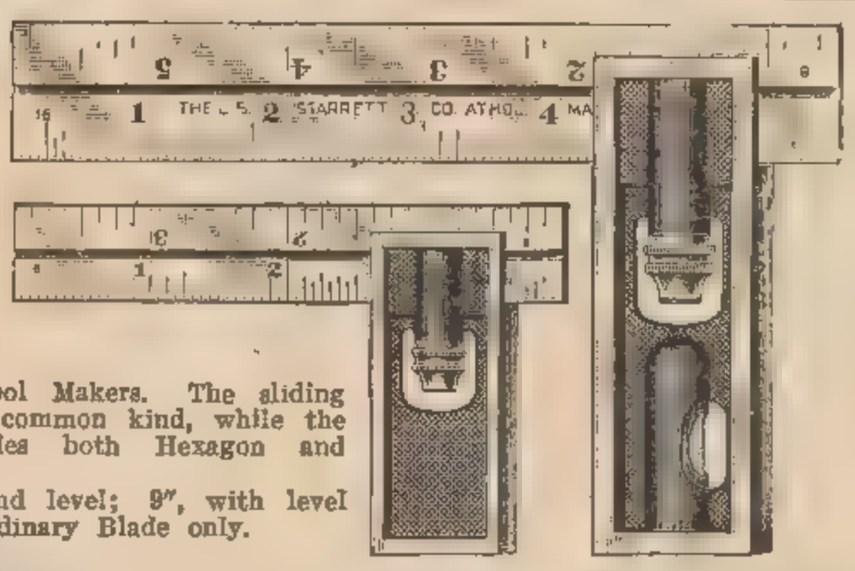
This represents an adjustable, incline level, a fixed level, and a plumb. The hinged tube inside the working faces of the frame, carrying a level glass, is adjustable to the graduated scale, and shows any incline by 32nds (or less) to 2" to the foot without interfering in the least with the plumb. A longitudinal groove in seat of frame (not shown in cut) adapts it to rest on a cylindrical shaft or pipe as well as on flat surfaces. Sizes: 10", 15".



Patent Double Square

M192.

With Hardened Blade.



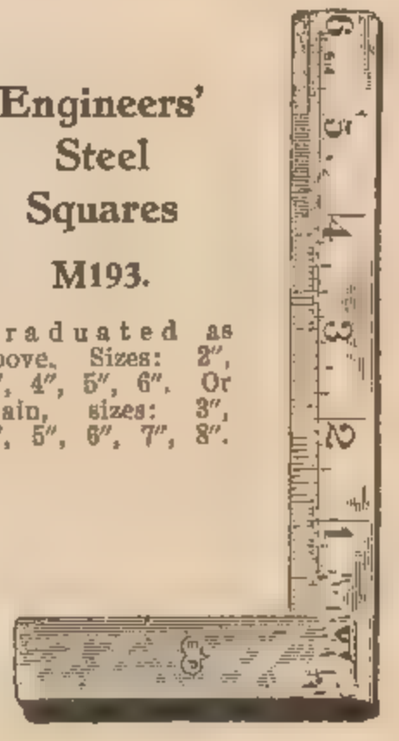
A very practical Square for Machinists and Fine Tool Makers. The sliding scale makes it more valuable than a full set of the common kind, while the extra bevel blade shown in left-hand cut provides both Hexagon and Octagon Angles.

Sizes: 4", with both Blades; 6", with both Blades and level; 9", with level and ordinary Blade only; 12", with level and ordinary Blade only.

Engineers' Steel Squares

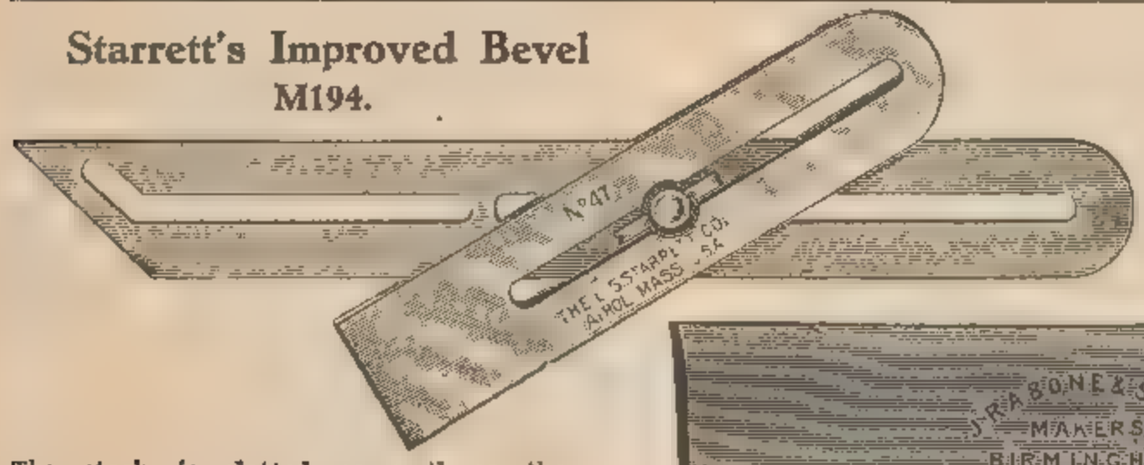
M193.

Graduated as above. Sizes: 2", 3", 4", 5", 6". Or plain, sizes: 3", 4", 5", 6", 7", 8".



Starrett's Improved Bevel

M194.



The stock is slotted as well as the blade, permitting of adjustments not obtainable with a common bevel. Length, 9".

English Steel Straight Edges

M195.

Made from Bright Hardened Steel, one bevel edge.

	Length.	Width.	Thickness
Size A ..	12"	1⅜"	15 W.G
Size B ..	18"	1⅜"	15 W.G.
Size C ..	24"	1½"	15 W.G.
Size D ..	36"	1¾"	14 W.G.
Size E ..	48"	2"	13 W.G.
Size F ..	60"	2¼"	13 W.G.
Size G ..	72"	2½"	12 W.G.

STEEL TAPES

Rabone's Steel Tapes

In Leather Cases.
Flush Handles.

M196.

Marked Feet and Inches on one side and Decimals on other.

⅜" wide	33 feet, 66 feet, 100 feet.
½" wide	33 feet, 66 feet, 100 feet.

Also in Nickel Cases—12, 18, 33 feet.

For Other Makes and Sizes, see page 146

STANLEY'S IMPROVED LEVELLING STAND

M197.

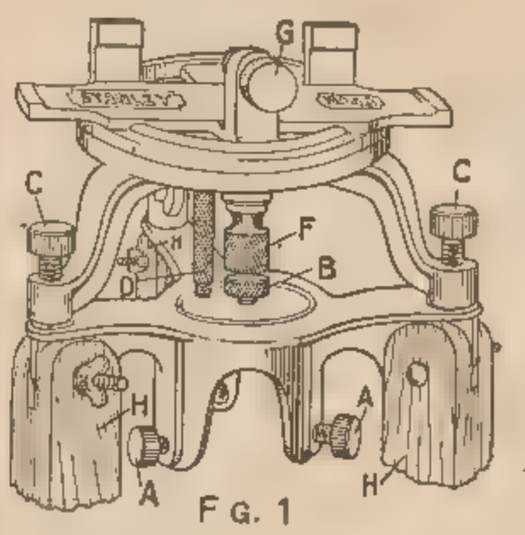


FIG. 1

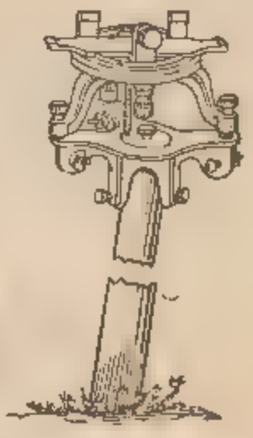


FIG. 2

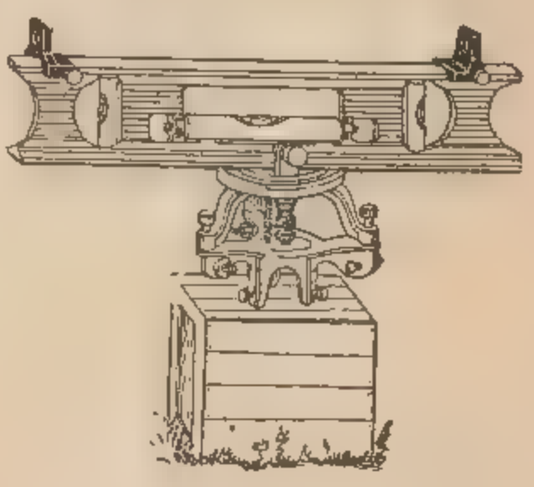


FIG. 3

A Levelling Stand used in connection with a wood or iron level and a pair of level sights will be found in many cases a very satisfactory and inexpensive substitute for the more expensive surveyors' instruments. By its use one can readily determine levels from a given point to one at a distance, such as locating or setting the profiles for foundation work, ascertaining the proper grades for drains, ditches, etc.

The Base is also provided with three wings (H-Fig. 1) so that it can be attached to the legs of a tripod.

No. 39 Levelling Stand is a combination of the No. 38 Stand, a No. 36 12" Stanley Metal Level and a pair of No. 2 Stanley Level Sights. (See Fig. 3).

See also Pages 144 and 145 for Levels and Transits

Surveyors' Bands

M198.

On Frame. ½" wide. Etched feet (inches in eighths) and Links. Every Foot and Link numbered.

Drill Blocks and Clamp

TWO DRILL BLOCKS

M201.—Clamp only.

M202.—Clamp and Blocks Complete.

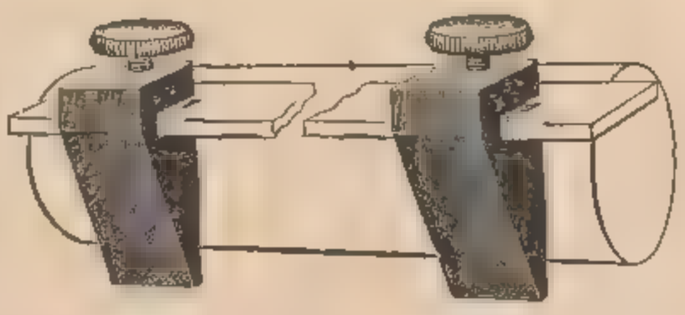
These drill blocks and clamps are of cast iron material, sufficiently strong to stand any work they may be subjected to. The blocks are 1½" square and 2" long, and are furnished in pairs.

The clamp will hold a round piece up to 1½" diameter firmly in the groove of the blocks, for prick punching, drilling or laying out a series of holes before and while being drilled

Key-Seat Clamps

M203.

Designed to transform any common steel scale into a key-seat rule; and a valuable addition to any machinist's kit. They are made of steel, case hardened and accurately ground. A pair weighs but an ounce. They may be put on or taken off almost instantly, and are a complete substitute for a more costly tool. They may be used with our Combination Square Blades or with any straight rule with accurate results.



Improved Mercury Plumb Bobs

(Starrett)

M199.

The improvement consists in our patented device for fastening the string without a knot to tie or untie, simply by drawing it into the peculiarly slotted neck at the top, after unwinding the required length, when the bob will hang perfectly true. These plumb bobs are made from solid steel, bored and filled with mercury. Noteworthy features are their great weight in proportion to size, low centre of gravity, small diameter, hardened and ground points, knurling on the body, and the simple and effective device at top for fastening end of line after winding up. Nickel plated. Each is provided with a braided silk line.

Size A—	4" long,	½" diameter,	3½ ozs.
Size B—	5" long,	⅝" diameter,	6 ozs.
Size C—	5½" long,	¾" diameter,	12 ozs.
Size D—	6" long,	1" diameter,	16 ozs.

DANKS for all TOOLS

Preston's Brass Plumb Bobs

M200.

Size	Weight
00	1½ ozs.
0	2½ ozs.
1	3½ ozs.
2	4½ ozs.
3	6 ozs.
4	8 ozs.
5	10 ozs.
6	13 ozs.

HAMMERS . . .

Engineers' Solid Cast Steel Hammers

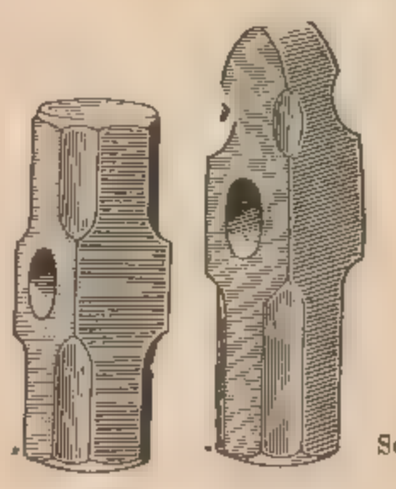
M204.

Ball Pein. St. Pein. Cross Pein.
½ lb. to 2½ lbs.

Napping Hammers

M205.

Australian Pattern. Best Cast Steel.
Weight: 14, 16, 18, 20, 22



Sledge Hammers

Solid Cast Steel

M206.

Straight Pein. Cross Pein. Double Pein.
6 lbs. to 28 lbs

Masons' Spalling Hammers

M207.

Solid Cast Steel. Polished Faces
Weight: 2½ to 28 lbs.

PLEASE WRITE TO US FOR ANYTHING NOT LISTED IN THIS SECTION

JOHN DANKS & SON PTY. LTD.

MELBOURNE AND SYDNEY

M208.

Adjustable T Tap Wrenches

Very convenient for holding small drills or taps. The jaws are hardened and tempered.
Size A—Capacity to 7/32".
Size B—Capacity to 5/16".

Russell's Adjustable Tap Wrench

M209.

A Superior Tap Wrench, easily and quickly adjusted, strong and durable.
No. 1.—7 inches long, to suit taps to ¼".
No. 2.—11 inches long, to suit taps 3/16" to ½".
No. 3.—16 inches long, to suit taps ½" to ¾".
No. 4.—21 inches long, to suit taps ⅞" to 1".

M210. Engineers' Taps

Taper, Plug or Bottoming.

Taper.

Plug.

Bottoming.
(Corresponding with English Taper, Second and Plug.)
Sizes: ⅛", 3/16", ¼", 5/16", ⅜", 7/16", ½, 9/16", ⅝", ¾", ⅞", 1", 1⅛", 1¼", 1½".

Walworth Ratchet Stocks and Dies

M211.

For W.I. Pipe. Capacity: ¼", ⅜", ½", ¾", 1".
Also Without Ratchet.

M212. Walworth Stocks and Dies

For W.I. Pipe

Very popular with Gas and Water Fitters on account of its genuine quality and moderate price.
No 0—⅛" to 1", No. 1.—¼" to 1", No. 1½.—⅜" to 1¼", No. 2.—1¼" to 2".

Stocks and Dies for Brass and Copper Tube

M213.

Without Tap.

Size A.—¼", ⅜", ½". Size B.—¼", ⅜", ½", ⅝". Size C.—¼", ⅜", ½", ⅝", ¾".

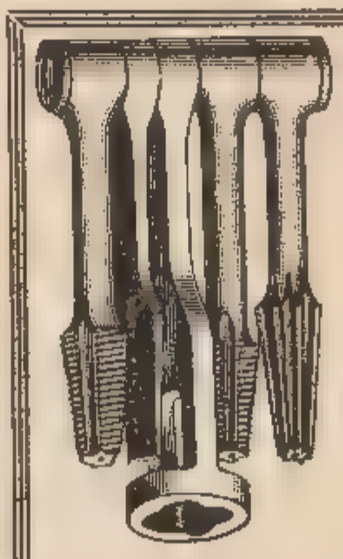
Full Mounted Lightning Screw Plates for Bolts

One Stock to each Die.

Will cut a full thread at one cut. Adjustable to size. Each Stock fitted with collet and die.

M214.

Sizes: ¼", 5/16", ⅜", 7/16", ½" 9/16", ⅝", ¾", ⅞", 1".



M215.
Gas Fitters' Burner Tools

M216.
Folding 3-Way Square

Taps for Gas

M217.

Sizes: ⅛", ¼", ⅜", ½", ¾", 1", 1¼", 1½", 2".

M218.
Rimer Tap and Drill
Combined, for Gas
Sizes: ½", ¾", 1", 1¼", 1½" and 2".

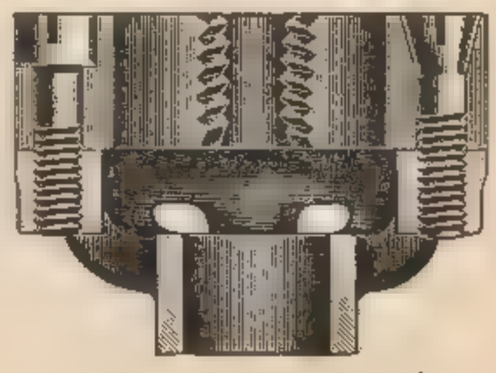
M219. Adjustable Dies

Whitworth Thread

The cut represents a section of the Die and Guide, and shows the method of adjusting

The filister-head screw on the left is cupped under the head and serves as a hinge, holding the die firmly together at this point. The screw on the right has a taper head, and, by means of this taper, when the screw is turned to the right the die is gradually forced open. On the other hand, when the screw is turned upwards, or to the left, the die is allowed to close. This form of adjustment, though extremely simple, is by far the best, for when the die is clamped in the elastic stock it is in reality a solid die.

All Dies 2 9/16" diameter, except 1½" and 1¾", which are 2¾" diameter.



Section of Die and Guide.

Elastic Stocks

For Round Adjustable Dies

M220.

To suit Dies	13/16"	1"	1 15/32" and 1½"	2 3/16"	2 3/16"	2 3/16"
Length	6½"	9"	15"	18"	22"	29"

Oster Stocks and Dies

M221.

These celebrated Stocks and Dies are now well known and have practically superseded all others of the adjustable class. Briefly their advantages are: (1) Dies and Guides are self centering and quick opening, and are operated by cams each independent of the other. (2) Dies can be instantly released without running back over the work. (3) All sizes are easily worked, even up to 4". (4) Each set of Dies cuts two distinct sizes. Nos 0 to 4 have two handles, 5 and 6 four handles, 7 and 8 are fitted with Ratchet Gear.

Extra Dies stocked for all sizes.

Wrought Iron Pipe Thread.

No.	Screws Pipe	No.	Screws Pipe
101	⅛" to ¾"		
102	¼" to 1¼"	102R	¼" to 1¼"
103	1" to 2"	103R	1" to 2"
104	½" to 2"	104R	½" to 2"
104½	¾" to 2"	104½R	¾" to 2"
105	1½" to 3"	105	1½" to 3"
105½	1" to 3"	105½R	1" to 3"
107	2¼" to 4"	107R	2¼" to 4"
107½	1½" to 4"	107½R	1½" to 4"
108	2½" to 4"	108	2½" to 4"

Screw Plates

With round adjustable dies. Whitworth Thread, 2", 2/16" diameter. Guides, Plug Taps, and Bascom adjustable Tap Wrench.

M222.—¼" to ⅜", five sizes, stock 18" long, cuts ¼", 5/16", ⅜", 7/16", ½", complete in case.

M223.—¼" to ¾", five sizes, stock 22" long, cuts ¼", ⅜", ½", ⅝", ¾", complete in case.

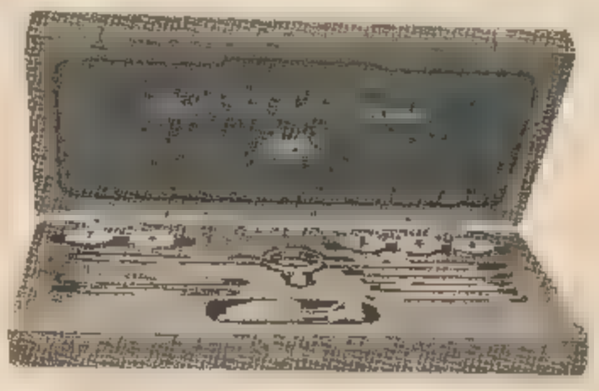
M224. ¼" to ¾", similar to above Set, but with the addition of 5/16" and 7/16"
M225. ¼ to 1", nine sizes, stock 29" long, cuts ¼", 5/16", ⅜", 7/16", ½", ⅝", ¾", ⅞", 1", complete in case.

"Green River" Button Die Screw Plates

Whitworth Thread

Dies 13/16" diameter, adjustable, with one tap to each size, stocks and tap wrench, complete in case.

M226.—Five sizes: ⅛", 5/32", 3/16", 7/32", ¼"
M227.—Six sizes: ⅛", 5/32", 3/16", 7/32", ¼", 9/32".
M228.—Seven sizes: 7/64", ⅛", 9/64", 5/32", 3/16", 7/16", ¼".



M229. Russell's Screw Plates

Noted for their fast cutting, easy adjustment, accuracy and durability. Taps and Dies made from best quality tool steel. The entire product is fully warranted, and any defective parts will be replaced free of charge. Dies interchangeable with G.T.D. Co. Sets.

M230. "Duo" Die Stocks

(No. 220A). For Pipe.

The dies are adjustable and can be reversed in the collet to cut a close thread. The bushings are removable to pass couplings, etc. The dies rest on machined bearings. These bearings support the dies and insure accurate alignment.

The handles and stocks are threaded with Briggs' standard pipe thread, thus permitting their easy repair if threads should become stripped.

Regularly furnished with one Stock, two "Little Giant" Pipe Dies and two bushings.

British (Whitworth) standard right-hand taper threads at regular prices.

ORDER BY NUMBER

DO NOT CUT CATALOGUE

Tapping Sizes of Drills required for Engineers' Taps

Size of Engineers' Taps	1/16	3/32	⅛	5/32	3/16	7/32	¼	5/16	⅜	7/16	½	9/16	⅝
Size of Drill required	3/64	1/16	3/32	⅛	9/64	11/64	13/64	¼	5/16	23/64	13/32	15/32	17/32
Size of Engineers' Taps	11/16	¾	13/16	⅞	15/16	1	1⅛	1¼	1⅜	1½	1⅝	1¾	2
Size of Drill required	19/32	41/64	45/64	¾	13/16	55/64	31/32	1 1/32	1 3/16	1 5/16	1 11/32	1 17/32	1¾

$p = \text{pitch} = \dfrac{1}{\text{No. threads per inch}}$

$d = \text{depth} = p \times .64033$

$r = \text{radius} = p \times .1373$

Whitworth's Standard Thread

Dia.	No. threads per in	Dia.	No. threads per in.	Dia.	No. threads per in	Dia.	No. threads per in.	Dia.	No. threads per in
¼	20	½	12	¾	10	1¼	7	1¾	5
5/16	18	9/16	12	⅞	9	1½	6	1⅞	4½
⅜	16	⅝	11	1	8	1⅝	6	2	4½
7/16	14	11/16	11	1⅛	7	1¾	5	2½	4

Flat Nose Pliers
Best English Make.
M231.—Sizes: 4", 4½", 5", 6", 7".

Round Nose Pliers
Best English Make. Bright.
M235.—Sizes: 4", 4½", 5", 6", 7"

Glaziers' Pliers
M232.—Size: 8".

M234.

Toggle Jointed End Cutting Nippers
Sizes: 6", 7", 8".

Combination Pliers with Side Cutter and Burner Hole
M233. Sizes: 5", 6", 7", 8".

M236.

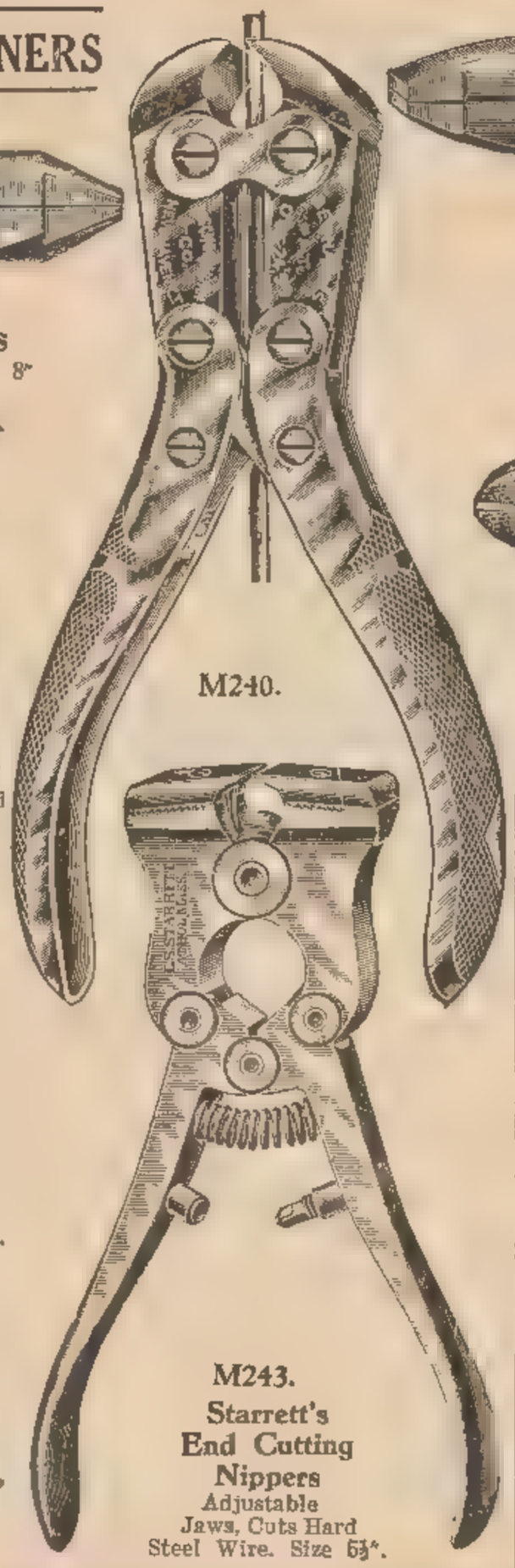
Long Chain or Snipe Nose Pliers
With or Without Side Cutters.
661131.—Sizes: 6", 7".

PLIERS - WRENCHES - SPANNERS

Solid Cast Steel Cutting Pliers
M237.—With Joint Cutter. Sizes: 5", 5½", 6", 7", 8"

Wrought Steel Gas Pliers
M238.—English make, with wire cutter, pipe opener and turnscrew. Sizes: 6", 7", 8", 9", 10".

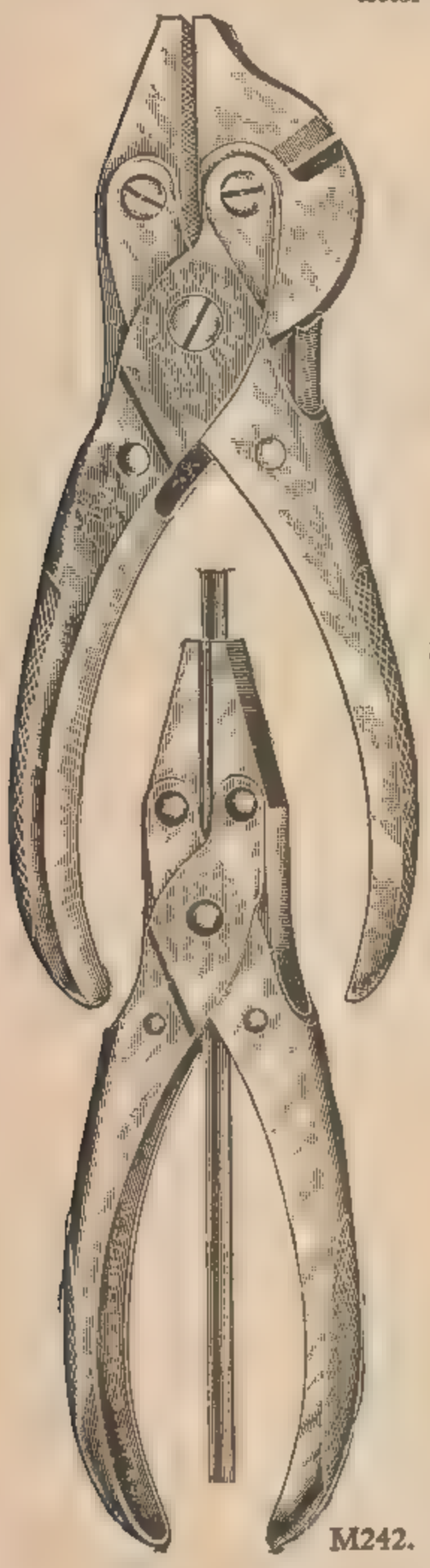
Cone Pliers
M239.—Useful for Bicycle and Motor Work; 8-inch.



M240.

Electricians' Pliers
M247.—Insulated Handles. Sizes: 6", 7", 8".

Diagonal Cutting Pliers
M248.—Box Joint Sizes: 4½", 5", 5½", 6".



M242.

"Bernard" End Cutting Nippers
M240.—Nickel Plated. A very powerful Cutter Sizes: 4", 5", 6", 7".

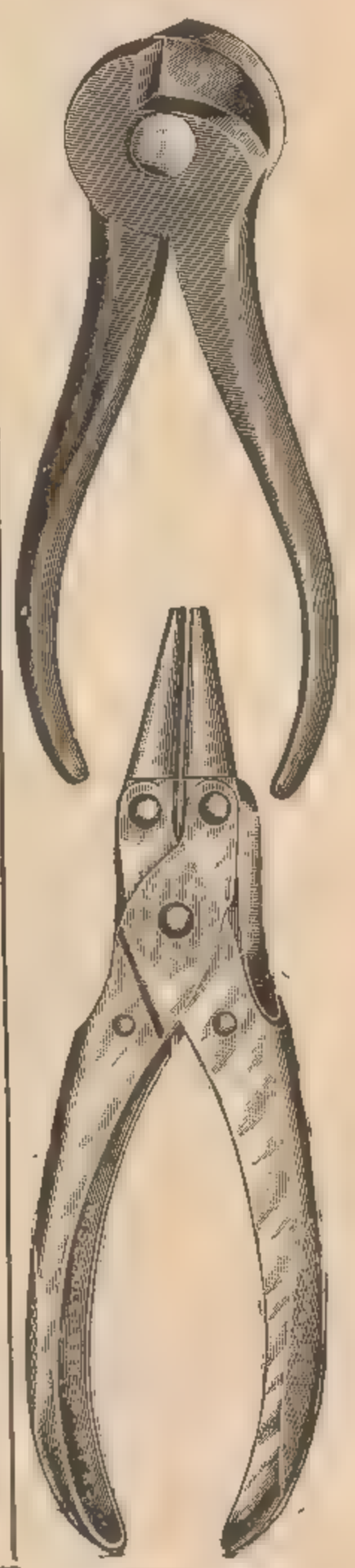
"Bernard" End Cutting Pliers
M241.—Nickel Plated. Sizes: 4½", 5½", 6½", 7½".

"Bernard" Flat Nose Pliers
M242.—Parallel Jaws, Open Throat. Sizes: 4", 4½", 5".

M243. Starrett's End Cutting Nippers
Adjustable Jaws, Cuts Hard Steel Wire. Size 5½".

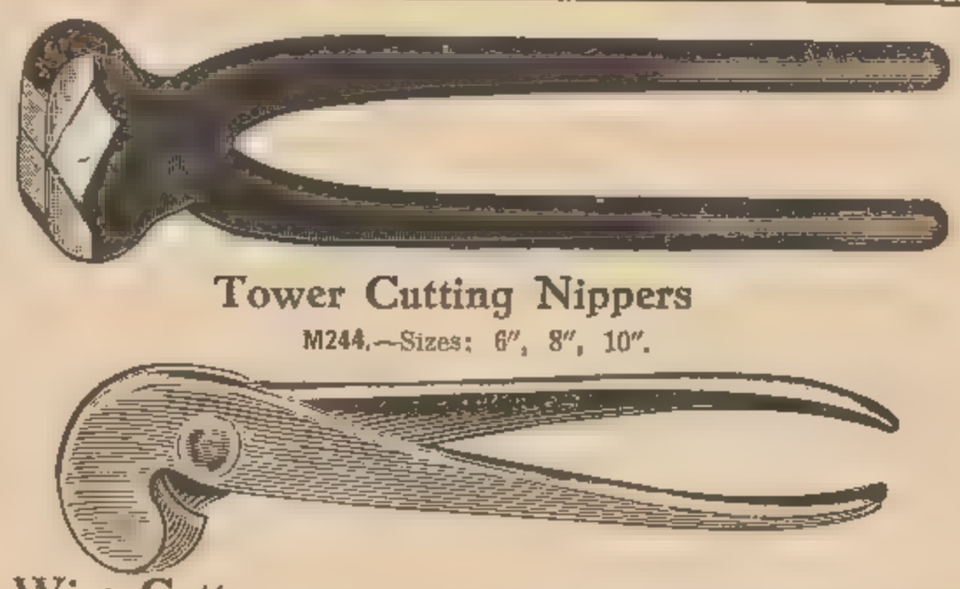
Huntsman's Nippers
M249.
Will cut No. 6 Gauge Wire
Sizes: 6", 7".

"Bernard" Round Nose Pliers
(Below on right)
M250.
Parallel Action, Nickel-plated.
Sizes: 4", 4½", 5".



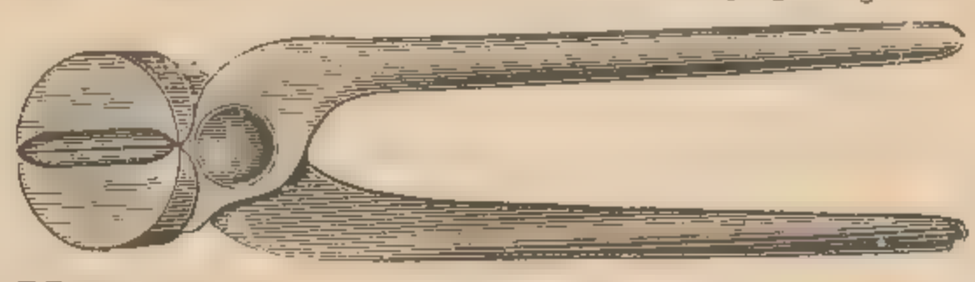
M251.

"Clyburn" Spanners
Made of Steel. Jaws Hardened.
Length, 8"; opens, ¾".
Length, 12"; opens, 1¼".
Length, 16"; opens, 1½".
Length, 20"; opens, 2".
Length, 10"; opens, 1".
Length, 14"; opens, 1⅜".
Length, 18"; opens, 1¾".



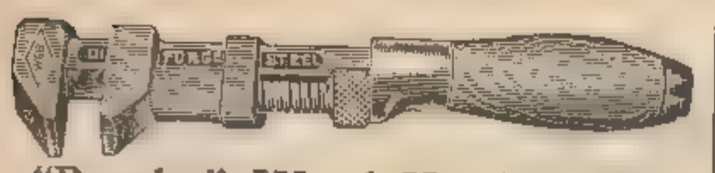
Tower Cutting Nippers
M244.—Sizes: 6", 8", 10".

Wire Cutters M245.—Very powerful; 7½" long.



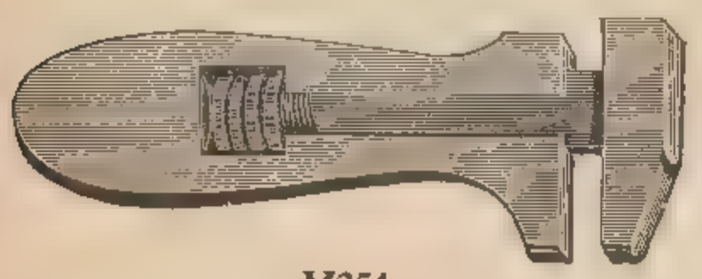
Manchester Cutting Nippers M246.—Sizes: 6", 8", 10".

FOR OTHER CUTTERS AND NIPPERS, SEE PAGES 183 AND 184



"Regular" Wood Handle Screw Wrenches
M252.
Lengths: 8", 10", 12".

Machinists' Knife Handle Screw Wrenches
M253.
A very strong wrench, with bar running right through handle.
Lengths: 6", 8", 10", 12", 15".

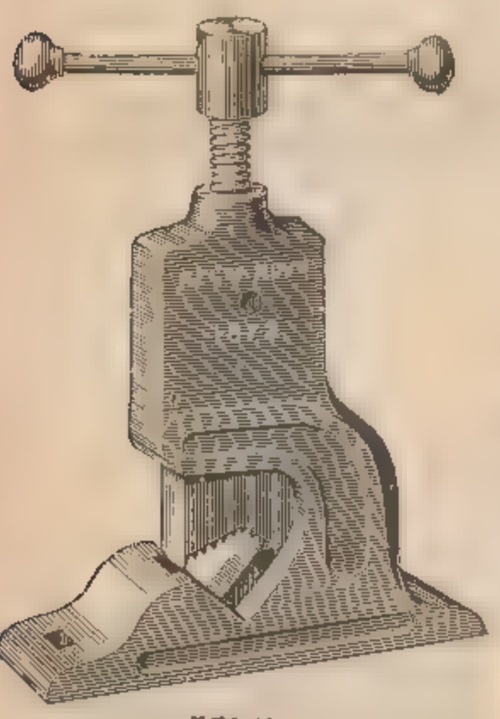


M254. "King Dick" Bicycle Spanners

M255. "Westcott" Adjustable Wrenches
A very convenient wrench for general use.

Length	Opens	Length	Opens
8"	1"	12"	1⅝"
10"	1⅛"	14"	2"

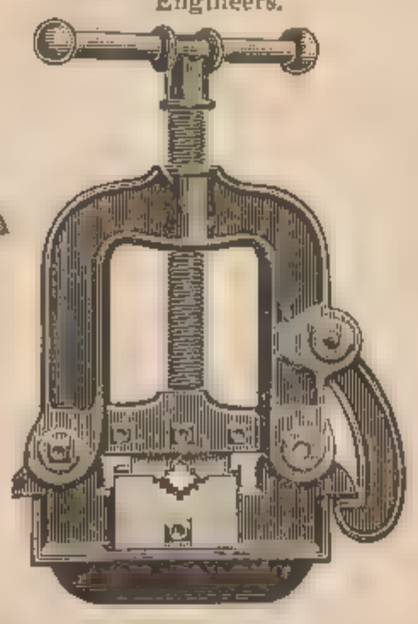
M256. Telescopic Box Spanners
In sets of three to take nuts from ¼" to ⅝".



M257. "Erie" Pipe Vise

No.	Size
0	to 2".
1	to 2½".
2	to 3½".
3	to 4½".
4	to 6"

This Vise is made of malleable iron, with steel jaws. It is very easily and quickly manipulated, and is in great demand amongst Plumbers and Engineers.



M258. Malleable Pipe Vise

No.	Takes Pipe
1	⅛" to 1".
2	⅛" to 1¼".
3	⅛" to 1½".
4	⅛" to 2".
5	¼" to 3".
6	¼" to 4".

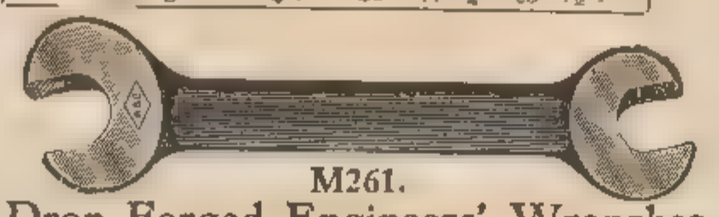
For bench and general shopwork.

"STILLSON" PIPE WRENCHES
M259.
All Steel.

Length	Takes Pipe	Length	Takes Pipe
18"	¼" to 2".	36"	¾" to 3½"
24"	⅜" to 2½".	48"	1" to 5".

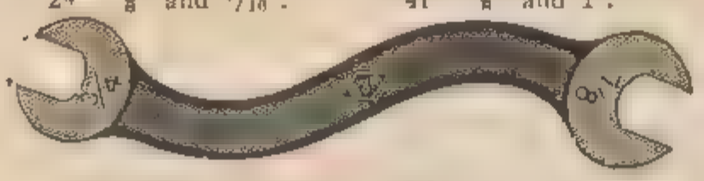
M260.
With Wood Handles.

Length	Takes Pipe	Length	Takes Pipe
6"	⅛" to ½".	10"	⅛" to 1".
8"	⅛" to ¾".	14"	¼" to 1½".



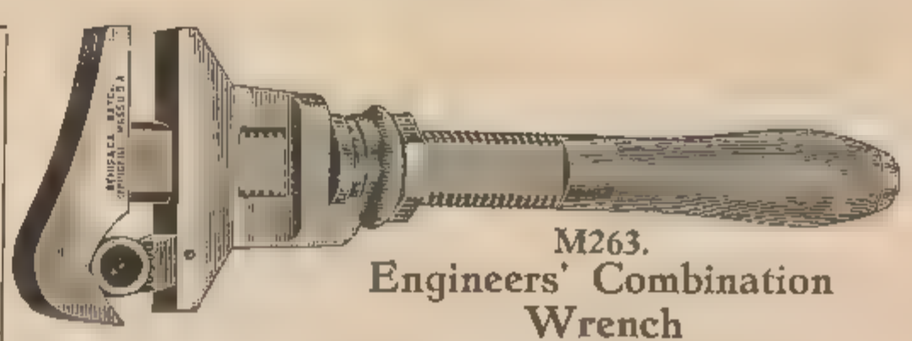
M261. Drop Forged Engineers' Wrenches

No.	Opening	No.	Opening
23	3/16" and ¼".	30	⅜" and ½".
25	¼" and 5/16".	34	½" and ⅝".
26	¼" and ⅜".	37	⅝" and ¾".
27	5/16" and ⅜".	39	¾" and ⅞".
28	5/16" and 7/16".	40	¾" and 1".
29	⅜" and 7/16".	41	⅞" and 1".

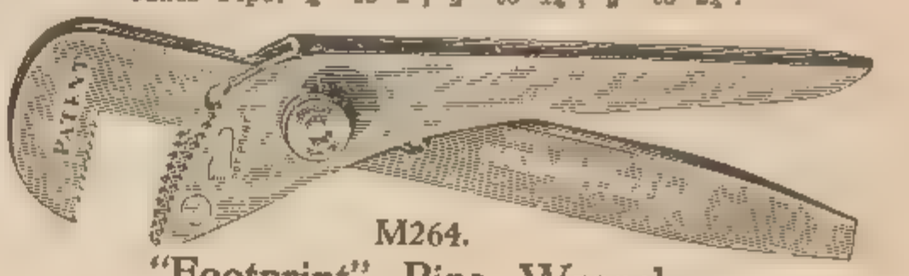


M262. Drop Forged Wrenches
Double End. 22½° Angle.

No.	Opening	No.	Opening
500	3/16" and ¼".	503	⅜" and 7/16".
501	¼" and 5/16".	504	7/16" and ½".
502	5/16" and ⅜".		

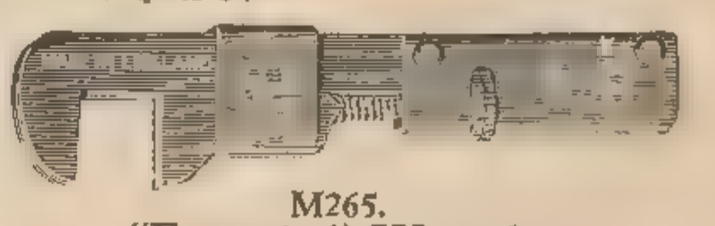


M263. Engineers' Combination Wrench
Length: 10", 12", 15".
Takes Pipe: ¼" to 1", ½" to 1¾", ½" to 2¾".



M264. "Footprint" Pipe Wrenches

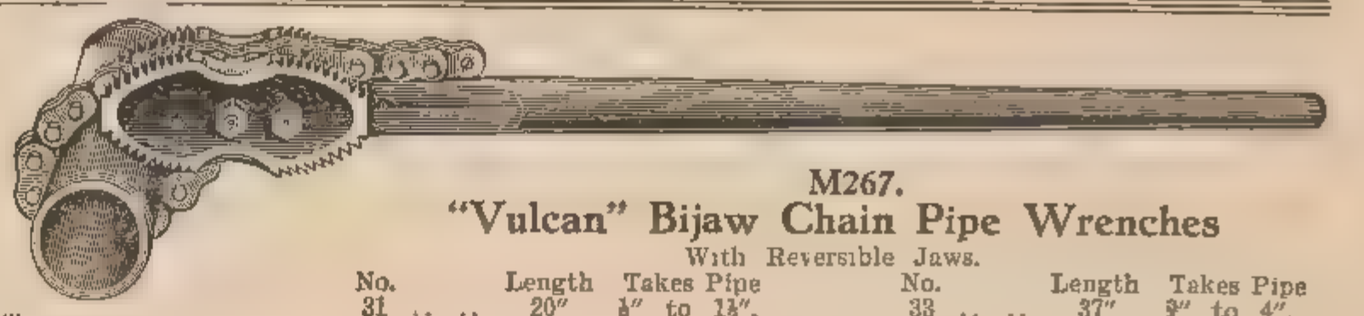
Length	To open	Length	To open
5¾"	1/16" to 1½".	14"	¼" to 3".
7"	1/16" to 1½".	16"	⅜" to 3¾".
9"	⅛" to 2½".	21"	½" to 4½".
12"	¼" to 3".		



M265. "Footprint" Wrenches
All Steel.
Lengths: 4¾", 6", 12".

M266. Auto. Screw Wrenches
Hardened. Largely used by Motorists and Cyclists.

No.	Size
1	5".
2	6½".
3	8".



M267. "Vulcan" Bijaw Chain Pipe Wrenches
With Reversible Jaws.

No.	Length	Takes Pipe	No.	Length	Takes Pipe
31	20"	⅛" to 1½".	33	37"	¾" to 4".
32	27"	¼" to 2½".	33½	44½"	1" to 6".

M268. "Vulcan" Chain Vise

The "Vulcan" Drop-forged Chain Pipe Vise is adapted alike for Bench and Post.

The "Vulcan" is strong, compact, quick in operation, and sure in its gripping qualities. Its compact form enables ready carriage in bag or hand to jobs away from the workshop.

A quick pitch screw on one side and chain pockets on the other enable a rapid adjustment.

All parts are made from wrought steel, and jaws are tempered for file-sharpening. The hand-made chains are same as used in the well-known "Vulcan" Pipe Wrench, which we stock
No. 1 holds pipe ⅛" to 2".
No. 2 holds pipe ¼" to 4".
No. 4 holds pipe ½" to 8".

A Most Efficient Vise for Holding Fittings.

OTHER VISES — PAGE 160

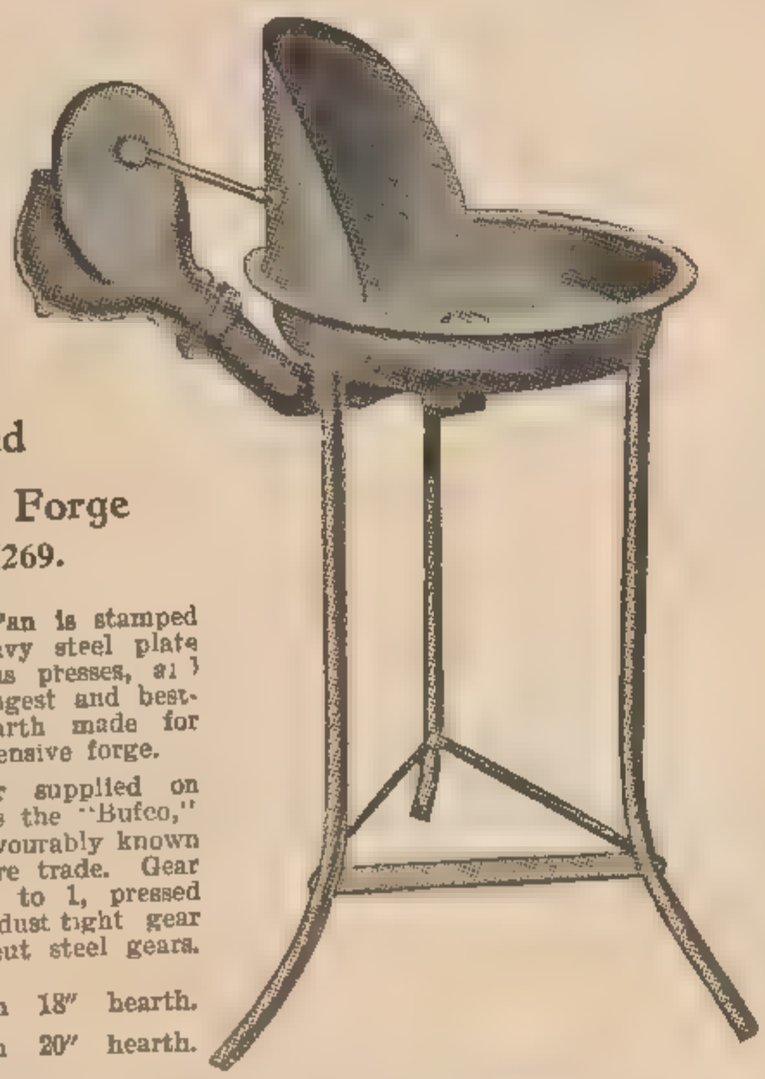
JOHN DANKS & SON PTY. LTD.
MELBOURNE AND SYDNEY

BLACKSMITHS' AND FARRIERS' TOOLS

"No Better Made!"

—

The Improved "Bufco" Forge
M269.



This Fire Pan is stamped from a heavy steel plate on enormous presses, and is the strongest and best-looking hearth made for an inexpensive forge.

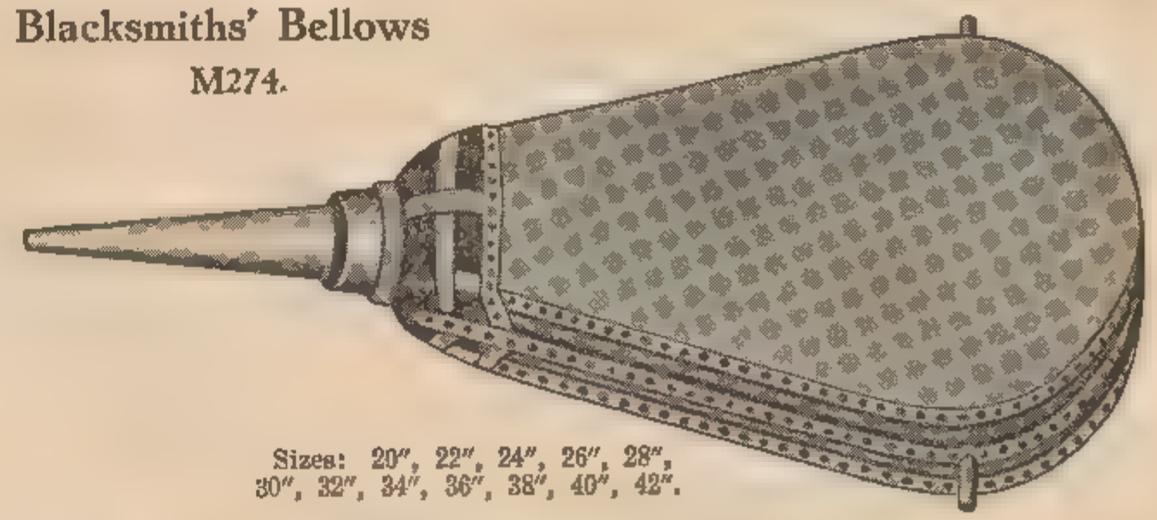
The blower supplied on this forge is the "Bufco," which is favourably known to the entire trade. Gear ratio of 36 to 1, pressed steel fan, dust tight gear case, and cut steel gears.

(O61) With 18" hearth.
(O62) With 20" hearth.

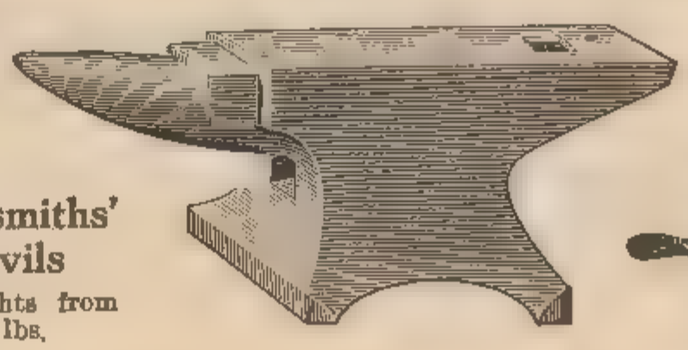
M272. Water Tue Irons
Sizes: 12", 13", 14", 15".

M273.
Anvil Cutters

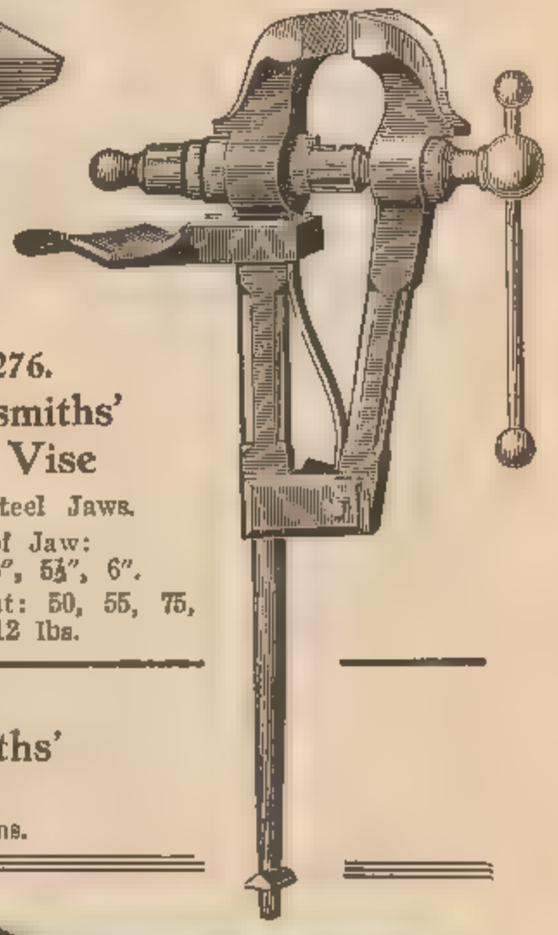
Blacksmiths' Bellows
M274.



Sizes: 20", 22", 24", 26", 28", 30", 32", 34", 36", 38", 40", 42".



M275.
Blacksmiths' Anvils
In weights from 28 lbs.



M276.
Blacksmiths' Leg Vise
Special Steel Jaws.
Size of Jaw:
4", 4½", 5", 5½", 6".
Approx weight: 50, 55, 75, 90, 112 lbs.

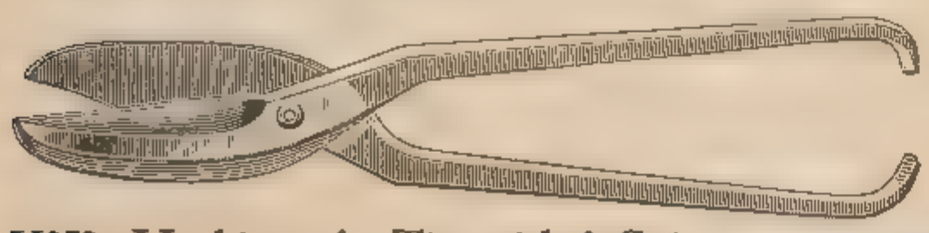
M270.
Farriers' Knives

M277. Farriers' Pincers
Sizes: 10", 11", 12".

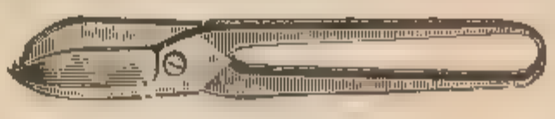
M271.
Farriers' Buffers

M278.
Blacksmiths' Tongs
All Patterns.

TINSMITHS' TOOLS



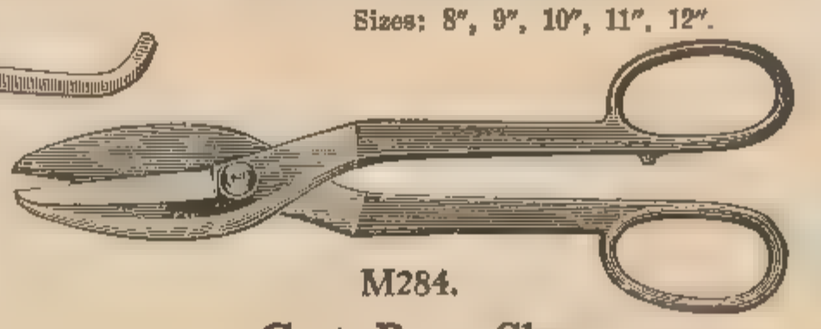
M279. Mathieson's Tinsmiths' Snips
Sizes: 8", 9", 10", 11", 12", 14".



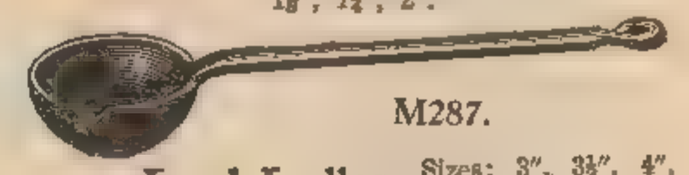
M283. Bent Snips
Sizes: 8", 9", 10", 11", 12".

M286.
Tinsmiths' Hollow Punches
For punching holes in thin Sheet Metals.
Sizes: ⅛", 3/16", ¼", 5/16", 1", 1⅛", 1¼", 1⅜", 1½", 1⅝", 1¾", 2".

M280. Cousins' Tinsmiths' Snips
Sizes: 8", 9", 10", 11", 12", 14".



M284.
Cert Bow Shears
Sizes: 10", 12".



M287.
Lead Ladles
Sizes: 3", 3½", 4", 4½", 5", 5½", 6", 7", 8", 9".

M281. Mathieson's Tinsmiths' Snips
Sizes: 8", 9", 10", 11", 12", 14".

Tinsmiths' Hand Groovers
M285.
⅛", 3/16", ¼", 5/16", ⅜", ½".

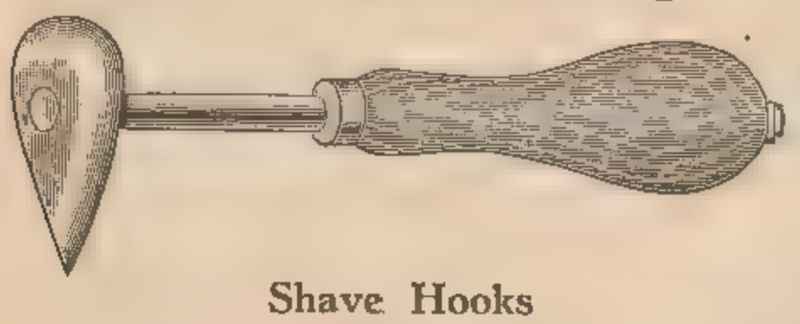
M282. Soldering Irons
Weight: ¾, 1, 1¼, 1½, 2, 2¼, 2½, 3, 4, 5, lbs.

You can depend on DANKS!

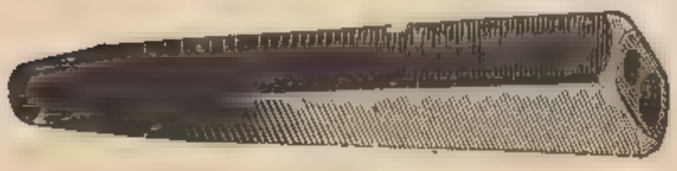
CAST IRON METAL POTS
M288.
Sizes and Approximate Weights:
6", 7 lbs.; 7", 8 lbs.; 8", 18 lbs.; 9", 23 lbs.; 10", 25 lbs.; 12", 42 lbs.; 14", 65 lbs.

ALWAYS BUY TOOLS BY REPUTABLE MAKERS

TINSMITHS' TOOLS (continued)



Shave Hooks
M289.
Heart Shape or Three Cornered.



Rivet Set
M290.
Sizes: 1/16", ⅛", 3/16", ¼".

BLOW LAMPS, Etc.

"Aetna" Plumbers' Kerosene Blow Lamps

M291. (As shown)

Made of Brass. Length of flame, 10". Burns about ½ pint kerosene per hour.
No. 2, 1 pint.
No. 7, ½ pint.

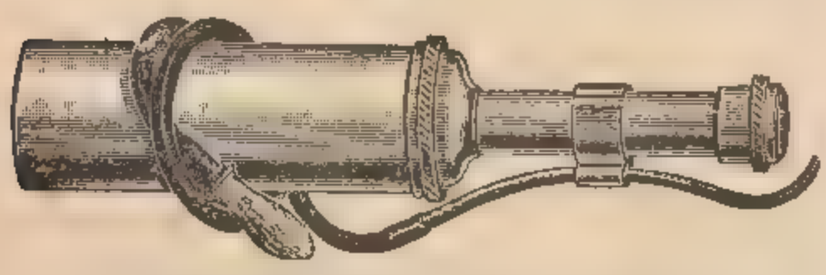
M292.

"Vesuvius" Painters' Kerosene Blow Lamps

Similar to the "Aetna", but with wider nozzle. No. 2, capacity, 1 pint.

M293.

Benzine Blow Lamps
(Wickless). Made of Brass. For soldering or paint removing, 4" Flame, burns 3½ to 4 hours
May be used in any position. Thoroughly safe and reliable.

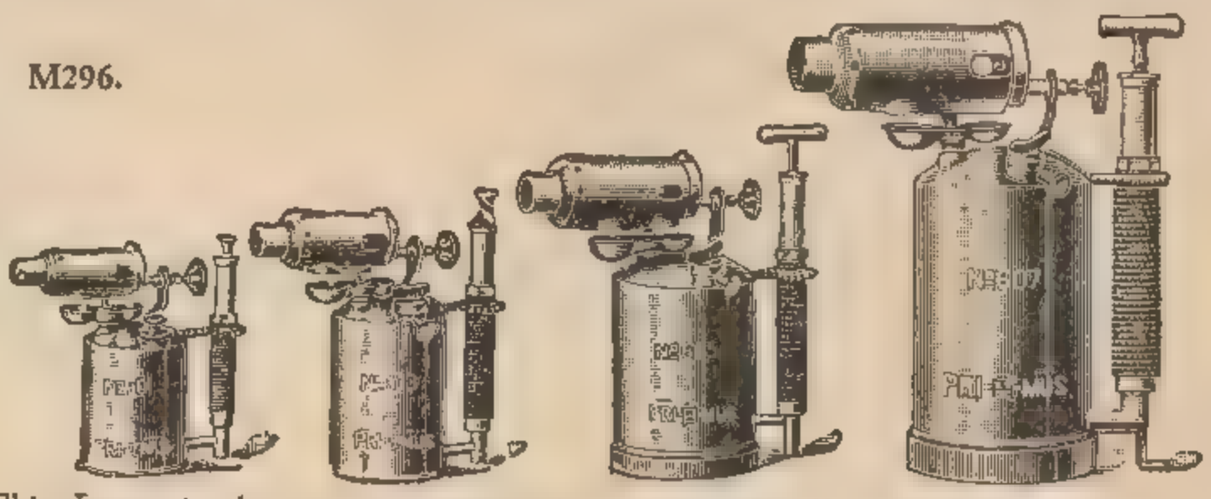


Plumbers' Spirit Blow Pipes
M294.
For making joints in lead and composition piping. Handier, cleaner, and more efficient than the ordinary candle.

Brass Blow Pipes
M295.
Sizes: 8-inch, 10-inch, 12-inch.

The Original "Primus" Brazing Lamps

M296.



This Lamp is the newest construction of Paraffin Brazing Lamps, and embodies all the good points of similar lamps and several new improvements in the burner, which is of a type that will last longer than any other.
The Regulating Valve is of an improved type, so that the flame can immediately and completely be extinguished without releasing the air pressure in the tank.
No. 608 has the same Oil Tank as No. 607, but is provided with an extra large and strong Burner.

N.B.—An Important feature is the whole-drawn Flame Cylinder, the thickness of which is increased 50 per cent. at points where exposed to the greatest heat.

TABLE No. 7507

Number		601	603	605	607
Capacity of Oil Tank, about	pints	1	1⅛	2⅜	5¼
Diameter of Oil Tank, about	ins.	3½	3¾	4¾	5½
Full Height	ins.	7¼	8¾	10½	14¼
Has Burner	No.	R161	R162	R163	R164
Melts Copper Rods 2" long, and					
⅝" thick, by a pressure of 60 lbs., in min. ..		2.20	—	—	—
¾" thick, by a pressure of 60 lbs., in min. ..		3.40	2 50	—	—
1" thick, by a pressure of 60-67 lbs., in min.		—	4 30	3 50	—
1¼" thick, by a pressure of 67-82-90 lbs., in min.		—	—	4.10	3 45
1⅜" thick, by a pressure of 82-90 lbs., in min.		—	—	—	5.45
2" thick, by a pressure of 90 lbs., in min. ..		—	—	—	—
Length of flame, by ordinary pressure	ins.	9	11	14	20
Consumption of Oil—					
Per hour, by a pressure of 60 lbs.	pints	1⅛	2	—	—
Per hour, by a pressure of 67 lbs.	pints			3⅛	—
Per hour, by a pressure of 90 lbs.	pints	—	—	—	5¾
Weight, about	lbs.	1⅝	2⅜	3¾	7¼

The Original "Primus" Blow Lamps

M297.

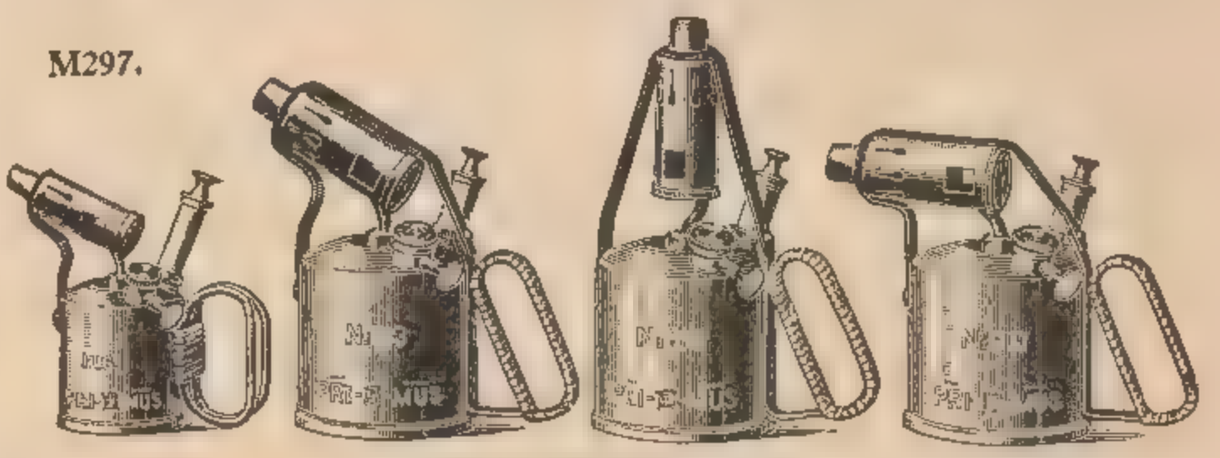


TABLE No. 7509

Number		631	632	633	634	635	636	637
Full Height	ins.	6¼	8½	8½	10¼	10¼	7¼	7¼
Diameter of Oil Tank	ins.	3¼	3¾	4¾	3¾	4¾	3¾	4¾
Capacity of Oil Tank, about .	pints	½	1	1¾	1	1¾	1	1¾
Has Burner	No.	R152	R149	R148	R159	R158	R151	R150
Melts Copper Rods 2" long and 5/16" thick, by a pressure of 45lbs. in min.		1.40	1.25	1.25	1.25	1.25	1.25	1.25
Length of flame, by ordinary pressure	ins.	7	10	10	10	10	10	10
Consumption of oil per hour. by 30-lbs. pressure	pints	⅜	¾	¾	¾	¾	¾	¾
Weight, about	lbs.	1⅜	2½	2¾	2½	3	2½	2¾

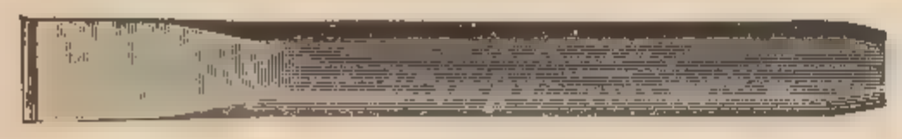
JOHN DANKS & SON PTY. LTD.

MELBOURNE AND SYDNEY

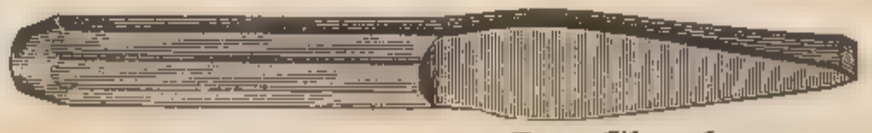
ENGINEERS' CHISELS . . .

Engineers' Chisels
M298.
Diamond Point. Sizes: ⅛", ¼", ⅜", ½".

Engineers' Chisels
M300.
Half-round. Sizes: ⅛", ¼", ⅜", ½".



Engineers' Chisels
M299.
Oval Pattern. Baker's celebrated make.
Sizes: ⅜", ½", ⅝", ¾", ⅞", 1".



Engineers' Cross Cut Chisels
M301.
Sizes: ⅜", ½".

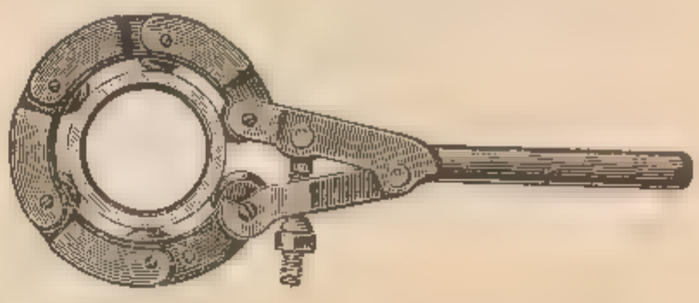
TUBE WHEELS

Barnes' Wheels
M302.
Sizes: 1, 2, 3, 4.

Chatwin's Tube Wheels
M303.
Sizes: 1, 2, 3, 4.

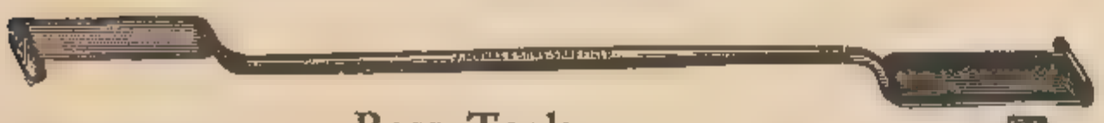
Barnes' 3-Wheel Tube Cutters
M305.
No. 1 cuts ⅛"-1"; No. 2 cuts ½"-2"; No. 3 cuts 1½"-3".

Jones' Patent Cutters
M304.
For Cast Iron Mains
(Chatwin's Make)
Extra Links and Pins Stocked.
Sizes: 2" to 4", 2" to 6".

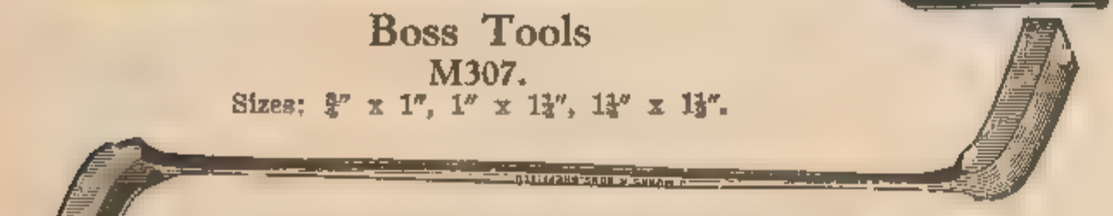


MONKS' IRONMOULDERS' TOOLS

M306. Cleaners
Sizes: ¼", ⅜", ½", ⅝", ¾".



Boss Tools
M307.
Sizes: ¾" x 1", 1" x 1¼", 1¼" x 1½".



Upsets or Girder Tools
M308.
Sizes: ¼" x ½", ⅜" x ⅝", ½" x ¾", ⅝" x ⅞".

Flange Bead Upsets
M309.
Sizes: ¼", ½", ¾".

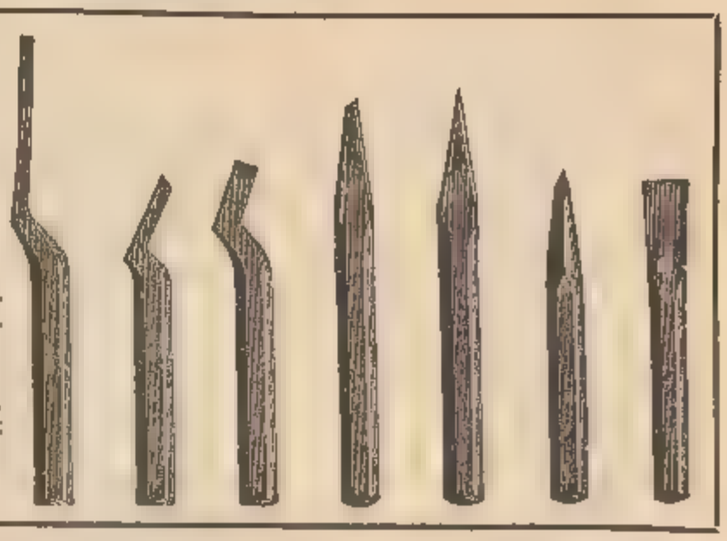
Flange Cleaners
M310.
Sizes: ¼", ⅜", ½", ⅝", ¾".

Flange Corner Smoother
M311.
1" x 1¼", 1¼" x 1¾", 2" x 2".

Heart and Square
M312.
Sizes: 2" x 1⅜", 2½" x 1¾", 3" x 2".

Main Layers' Tools
M313.

No.	Name
7	Yarning Tool.
6	Caulking Tool.
5	Caulking Tool.
4	Colt's Foot Chisel.
3	Cutting Chisel.
2	Diamond Point Chisel.
1	Cold Chisel.



Fillet Smoothers
M314.
Sizes: ½" x ¾", ¾" x 1, 1" x 1¼".

Moulders' Trowels
M315.
Sizes: 5" x 1", 6" x 1¼", 6" x 1½".

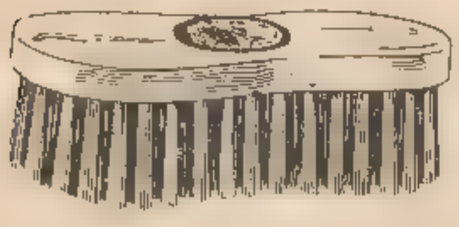
Boss Cleaners
M316.
Sizes: ¾", ⅞", 1".

METALS

- Lead in Ingots, Sheet, Pipe and Wire.
- Copper in Ingots, Sheet, Tube, Rods and Wire.
- Brass in Ingots, Sheet and Tubes.
- Tin in Ingots and Pipe.
- Babbits, Velocite and other Bearing Metals.
- Phosphor Bronze, Phosphor Tin, Regulus Metal.
- Yellow Metal, Rod and Sheet, "Delta" Metal Rod.
- Tobin's Bronze in Rods.
- Brazing Metals, Spelter, Strip and Wire.

GIVE US AN OPPORTUNITY TO QUOTE FOR YOUR REQUIREMENTS

FOUNDRY BRUSHES

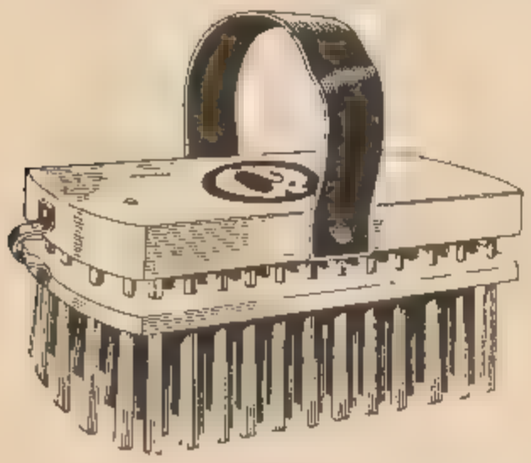


M317.

No. 61.—7¾" x 2½". Hollow sides, round ends. Flat, hardened and tempered steel wire, medium strength. 2" Bristles. No straps.

M318.

No. 2.—8" x 2½" oblong. Flat, hardened steel wire Bristles, medium strength, 3" long. Leather straps.



M319.

No. 62.—7½" x 2½". Round ends. Flat, hardened and tempered steel wire. Medium strength. 3" Bristles. Fitted with slides to enable any degree of stiffness to be obtained. Leather straps.

M320.

No. 64.—7½" x 2⅜", straight sides, round ends. Flat, hardened and tempered steel wire, medium strength. 3" Bristles. Leather straps.

BRAZING BRUSHES

Specially tempered fine round steel wire.

M321.

No. 16.—4 row Brush, 6" x 1⅝", length overall 12", bent handles, metal backs, wire bristles 1⅜" long.

M322.

No. 112.—4 row brush, 6" x 1⅝", length overall 12", bent handles, extra stiff wire bristles 1⅝" long.

M323.

No. 44.—8" x 2½" oblong. Same as No. 2, but made with heavier and stiffer wire.

M324.

No. 33.—8" x 2½". Round ends, hollow sides with extra strong round steel wire 1⅝" long.

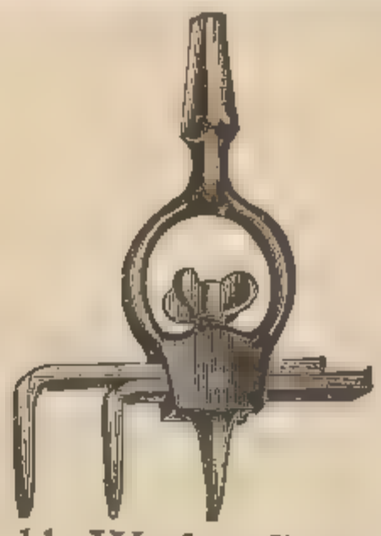
M325.
EMERY CLOTH.

M326.
EMERY POWDER.

M327.
Best English Silver Tool Steel, 13" lengths.

WASHER CUTTERS, ETC.

Double Washer Cutter
M328.
Cuts up to 10" diameter.



Double Washer Cutter
M329.
Cuts up to 5½" diameter.

M330.
Wad Punches

Sizes: ½", 9/16", ⅝", 11/16", ¾", 13/16", ⅞", 1", 1 1/16", 1⅛", 1 3/16", 1¼", 1⅜", 1½", 1¾", 2".

Double Washer Cutter
M331.
Cuts up to 6" diameter.

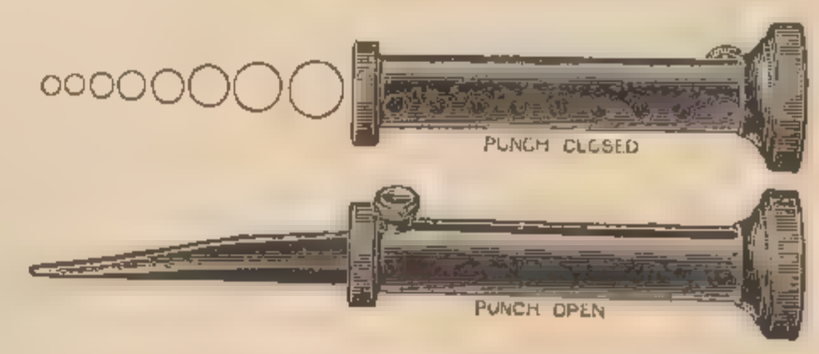
Saddlers' Punches (Hand Forged)
M332.

NUMBERS AND SIZES:
Nos. 6, 3/16"; 7, 7/32"; 8, ¼", 9, 9/32"; 10, 5/16"; 11, 11/32"; 12, ⅜"; 13, 7/16"; 14, ½"; 15, 9/16"; 16, ⅝".

Order by Number
—
Do Not Cut Catalogue

M333.
Bernard Nickelled Ticket Punches (Round).

M334.
Paragon Revolving Belt Punches (4 hole or 6 hole).



Belt and Strap Punch and Belt Marker.
M335.

A very small article that can be carried in the vest pocket, always ready. Lift the small stud, and push the cutter to whatever size required, from 1/16" hole to 13/32". In operation, push the blade right through the leather to size required, then one or two turns and the operation is completed.

"Stubs" Wire Gauge
M336.

Nos. 1-15, 16-30, 31-38, 39-46, 47-50, 51-54, 55 57, 58-60.

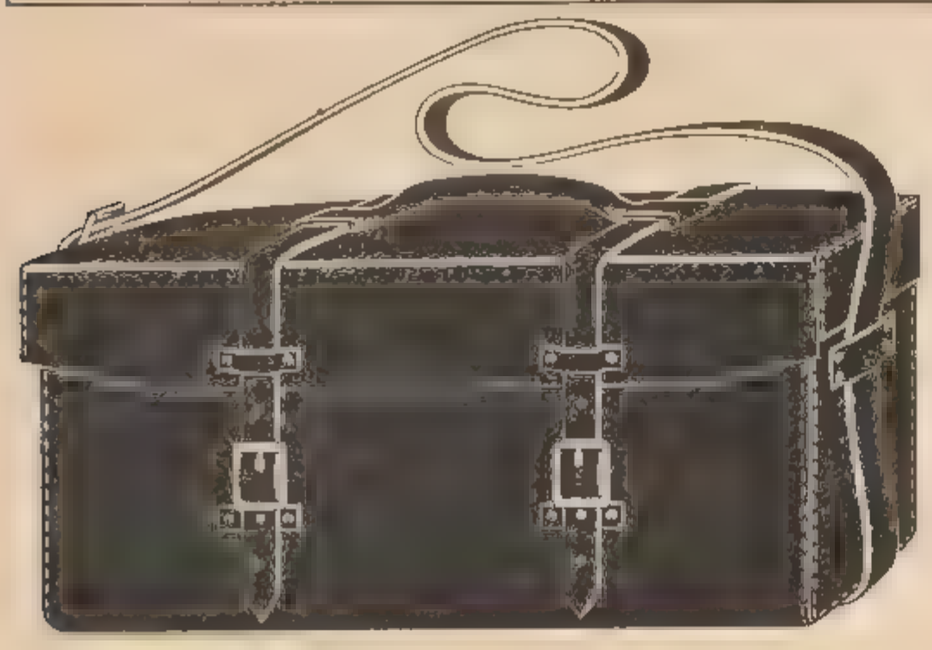
Fractional Sizes
M337.

1/16", 5/64", 3/32", 7/64", ⅛", 9/64", 5/32", 11/64", 3/16", 13/64", 7/32", 15/64", ¼", 17/64", 9/32", 19/64", 5/16", 21/64", 11/32", 23/64", ⅜", 13/32", 7/16", 15/32", ½".

JOHN BANKS & SON PTY. LTD.
MELBOURNE AND SYDNEY

M338. MUSIC SPRING STEEL WIRE

Music Wire Gauge	5	6	7	8	9	10	11	12	13	14	15	16	17
Equivalent on Standard Gauge	28	28	27	25	24	23	22	21	21	21	20	20	20
Breaking Strain	—	—	—	—	—	160	182	223	250	280	310	351	382
Music Wire Gauge	18	19	20	21	22	23	24	25	26	27	28	29	30
Equivalent on Standard Wire Gauge	19	19	19	18	18	18	17	17	16	16	15	15	14
Breaking Strain	420	465	510	550	587	640	750	850	970	1000	1240	1240	1430



Engineers' Leather Tool Bags

Made from Strong Harness Leather. Stock Size. Length, 16"; Width, 6"; Depth, 8".

M339.—As illustrated.

M340.—The same, with Lock and Key.

Engineers' Leather Tool Bags

Made from Strong Harness Leather. Stock Size. Length, 16"; Width, 6"; Depth, 8".

M341.—As illustrated.

M342.—The same, with Lock and Key.

Other Sizes in either style made to order.

Wire Strainers - -
See next page for
Cutters, Pliers, etc.

Order by Number
—
Do Not Cut Catalogue

THE KILBURN WIRE STRAINER

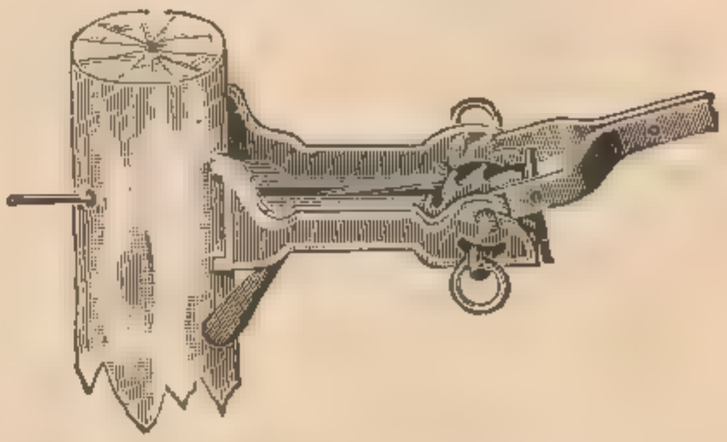
M346.

Adapted for new or old fencing, and when applied to the latter the necessity of unloosening or cutting and splicing the wire is done away with. Barbed wire may be strained as readily as plain wire—cutting and splicing being unnecessary. The strainer is made of one solid piece, is self catching (the retaining finger prevents wire from unwinding), and by means of a small key, is turned like an auger.

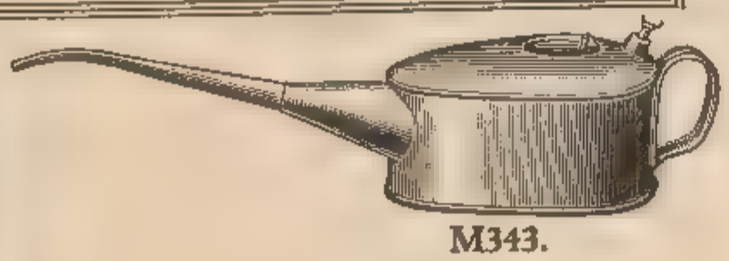
REID'S "Titan" Wire Strainer

M347.

Can be used at or between the Posts.



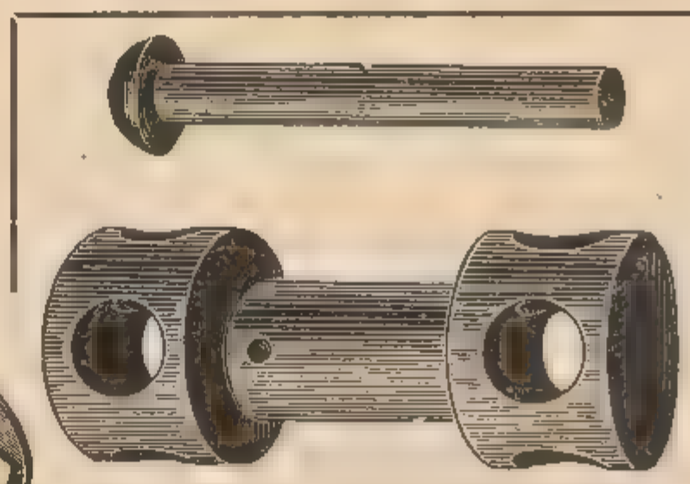
OIL CANS



M343.

With Strong Folded Bottom, made of best charcoal tin plates. Copper spouts.

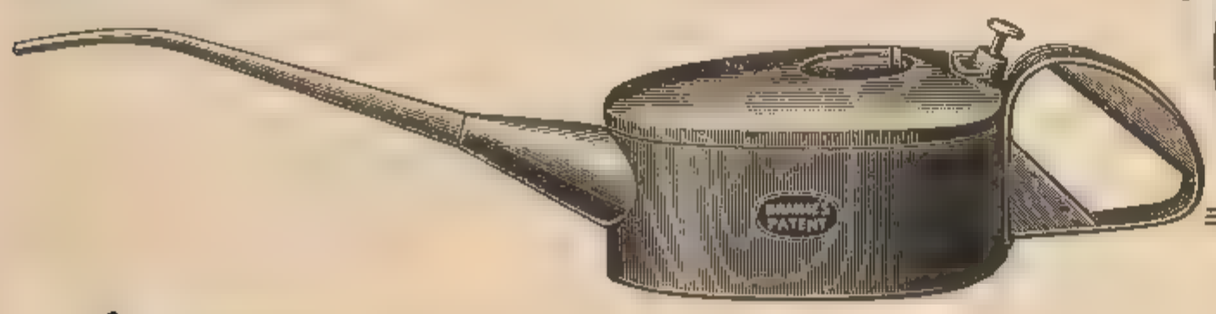
Sizes: ½ pint, ¾-pint, 1-pint.



WALKER'S WIRE STRAINERS

M348.

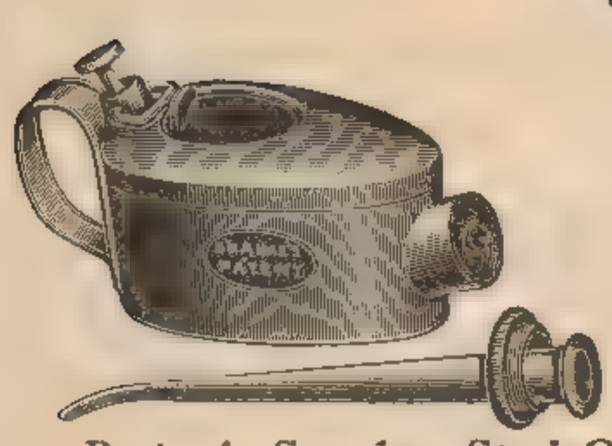
FOR LEAVING ON THE POSTS.



Braime's Fixed Spout Oil Cans

M344.

Similar to 661253, but with fixed spout.
Sizes: ½-pint, ¾-pint, 1-pint.

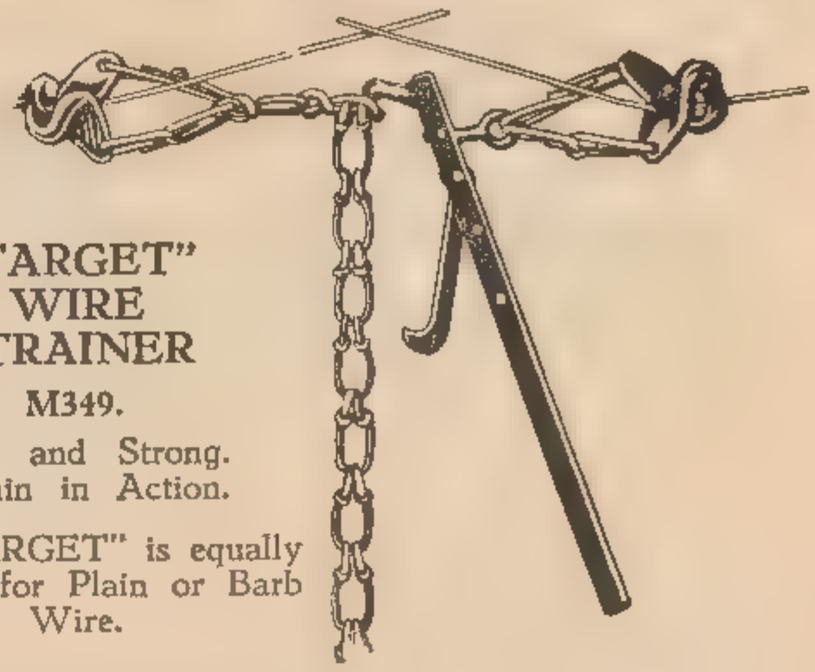


Braime's Seamless Steel Oil Cans

M345.

Detachable Spouts.

Body made out of one sheet of steel without seam or joint, consequently they cannot leak. Fitted with patent double-slide grit excluder feed-hole. In ⅛, ¼, 1/3, ½, ¾, 1, pint.



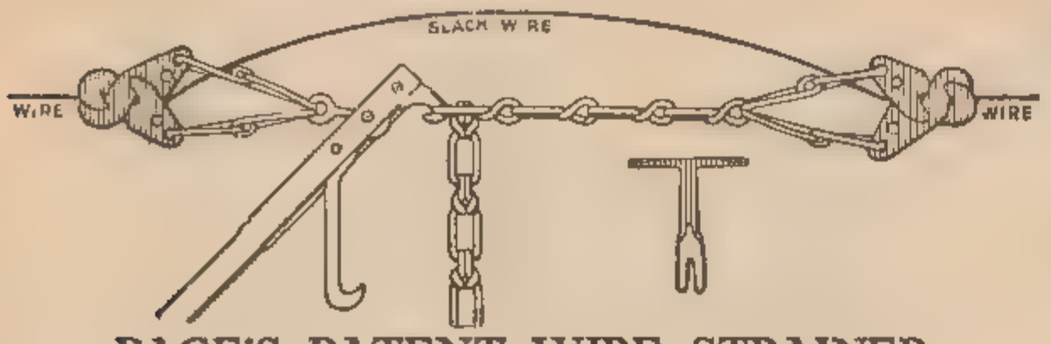
"TARGET" WIRE STRAINER

M349.

Light and Strong.
Certain in Action.

The "TARGET" is equally effective for Plain or Barb Wire.

QUOTES GLADLY GIVEN FOR LINES NOT LISTED



PAGE'S PATENT WIRE STRAINER

M350.

Will strain any wire, and enable the operator to tie any knot desired. Weight, 5 lbs. Fitted with Grips that will not damage the wire.

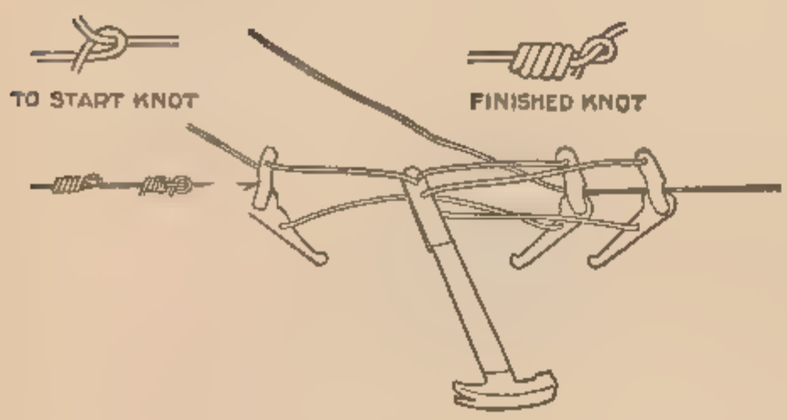
Full instructions with each Strainer.

Strong and durable—made of Forged Steel.

TELEGRAPH WIRE STRAINER AND VICE

M351.

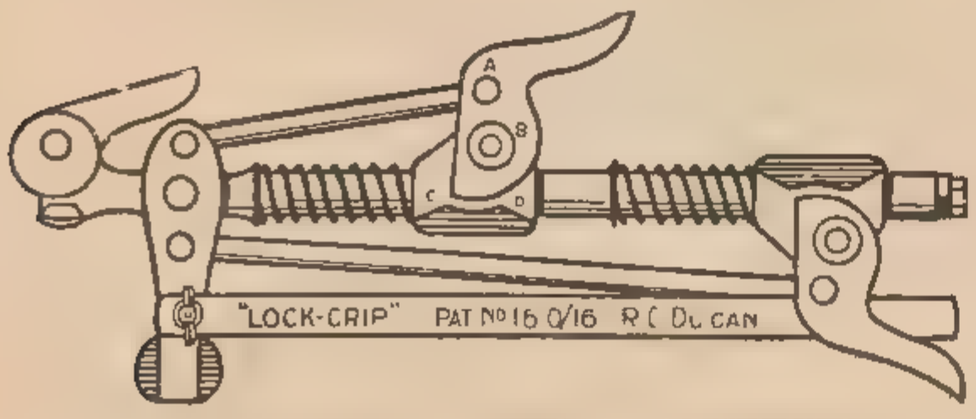
Used extensively by Victorian Government for straining Telegraph Wires.



DONALD'S WIRE STRAINER

M352.

Full instructions sent with each Strainer.



"LOCK-GRIP" WIRE STRAINERS

M353.

The "Lock-Grip" is a most effective tool for straining all classes of wire under all conditions. One that will do its work. It gets a grip that will not slip nor damage the softest wire.

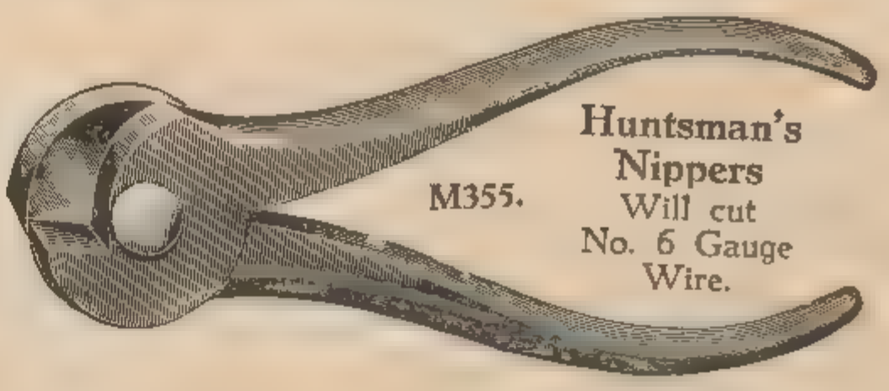
The advantages of this Strainer are obvious, and may be summarised:—

1. It is strong, compact, solid and self-contained.
2. No trouble with slipping wire.
3. The wire being strained in a straight line, there is no loss of tension when Strainer is removed. An important point with steel wire.
4. It is well and accurately made of best materials, necessary parts deeply case-hardened. No castings are used. Drop forgings and stampings throughout.
5. It makes a very handy tool to carry in a car, and, with a length of good steel wire and small single pulley block, will extricate a car from almost any difficulty.

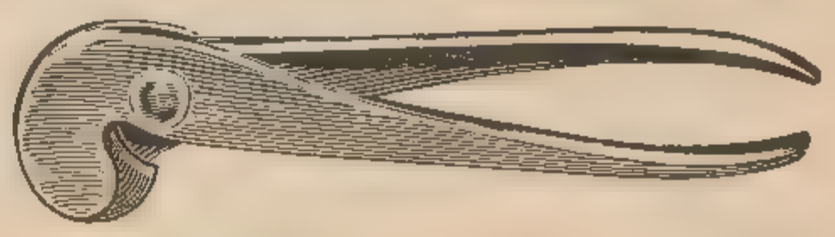
WIRE CUTTERS AND PLIERS

M354.

WIRE FENCING PLIERS—Sizes: 8 and 10 inch.



M355. Huntsman's Nippers Will cut No. 6 Gauge Wire.



Ironsides Patent Wire Cutter

M356.

For fencing and other thick wires. Being by far the most powerful single-hand wire cutter made. Will easily cut 5 and 6 gauge wire.

The "Elm City" Fence Pliers

M357.

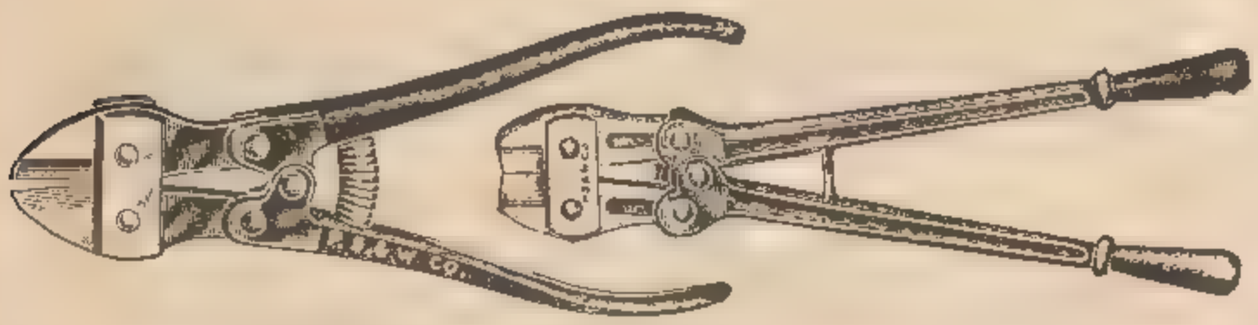
All steel. Combines splicer, staple puller, wire cutter and hammer in one tool. The cutter will cut No. 7 wire.

Gripping the Staple — Pulling the Staple — Gripping the wire before Splicing — Splicing Wire

SEE ALSO PAGES 175, 176 and 184

JOHN DANKS & SON PTY. LTD.

MELBOURNE AND SYDNEY



Single Handed
M358.

Two Handed
M359.

Compound Lever Bolt and Wire Cutters

High Quality, moderately priced cutters, designed especially to do a large variety of work which does not justify the buying of a larger and more expensive tool.

"Red Devil" Wire Fence Tool

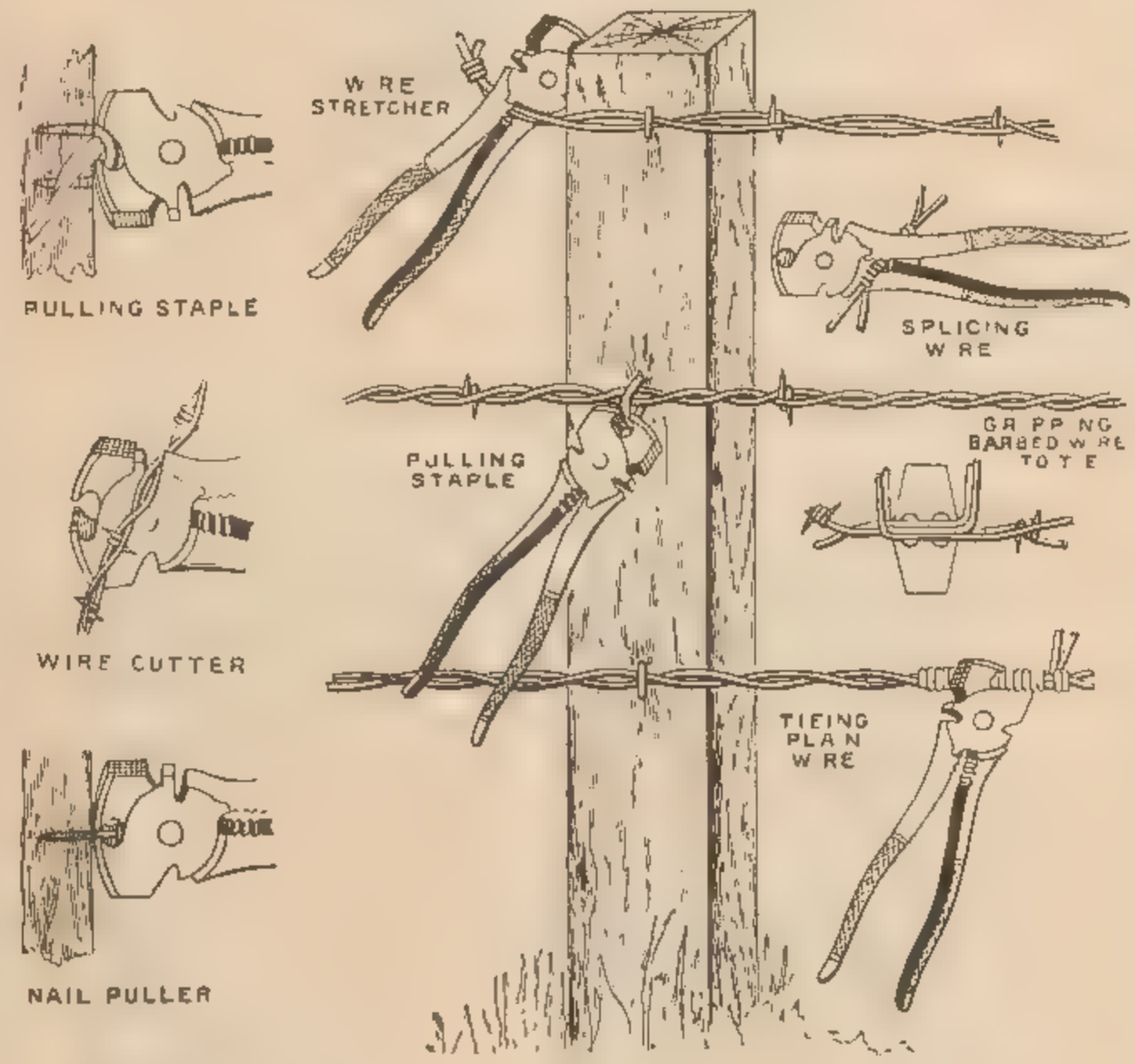
M360.

A good, inexpensive wire fence tool. Two single checked hammer heads. Two wire cutters, pipe grip and wire stretcher. Oval face, has two round holes to grip staples. Handles smooth, "No Pinch" scientific shape, low gun metal finish. Face of tool polished.

The Improved "RED DEVIL" WIRE FENCE TOOL

M361.

EIGHT USEFUL TOOLS IN ONE!



661279 (1919).

8 TOOLS IN 1

Staple Puller	Wire Cutter
Hammer	Pincers
Wrench	Wire Tier
Wire Stretcher	Pipe Grip

This powerful tool ensures a better job, besides saving wire, staples and time. It drives, pulls or straightens staples and cuts, stretches and ties wire. In stringing barbed wire it protects the hands from barb stabs.

Forged from the highest grade tool steel. Giant strength and leverage. Two hammer heads, one single checked, the other double checked. Two effective cutters, pipe grip, pincers and wire stretcher. The tool has an oval face with heart-shaped openings to engage wire fence staples.

"No Pinch" Dentyne Knurled Handles, scientific shape. Gun metal finish. Polished head.

One size only, 10".

FENCING WIRE, ETC.

To meet your Fencing Requirements, the following Comprehensive Range of Plain and Barb Wires and Wire Nettings, etc., is stocked by our Hardware Department:—

Fencing Wire—Galvanised and Black in 4 to 8, 9 and 10 Gauges.

Special High Tensile Wires in 12½ and 14 Gauge with breaking strains of 850, 1140 and 1250 lbs.

Barb Wires—Galvanised in Iowa pattern, 12, 13 and 14 Gauges; Waukegan in 12½ and 14 Gauges.

Single Strand Barb Wire in 11 and 12 Gauge; particularly suitable for electric fences or any position where a light wire is necessary.

Fence Posts—"Star" in 5 ft., 5 ft. 6 in. and 6 ft. Lengths.

Wire Netting may be had in ½ in., ¾ in., 1 in., 1¼ in., 1½ in., 1⅝ in., 2 in., 3 in. and 4 in. Mesh; widths from 12 ins. to 72 ins., covering all uses from chickens to sheep fencing.

Black and Galvanised Baling Wire in 4 to 16 Gauge is also stocked.

A full range of requisite fittings can be had, viz., Staples, Wire Netting Clips, Wool Bale Fasteners, Driving Caps.

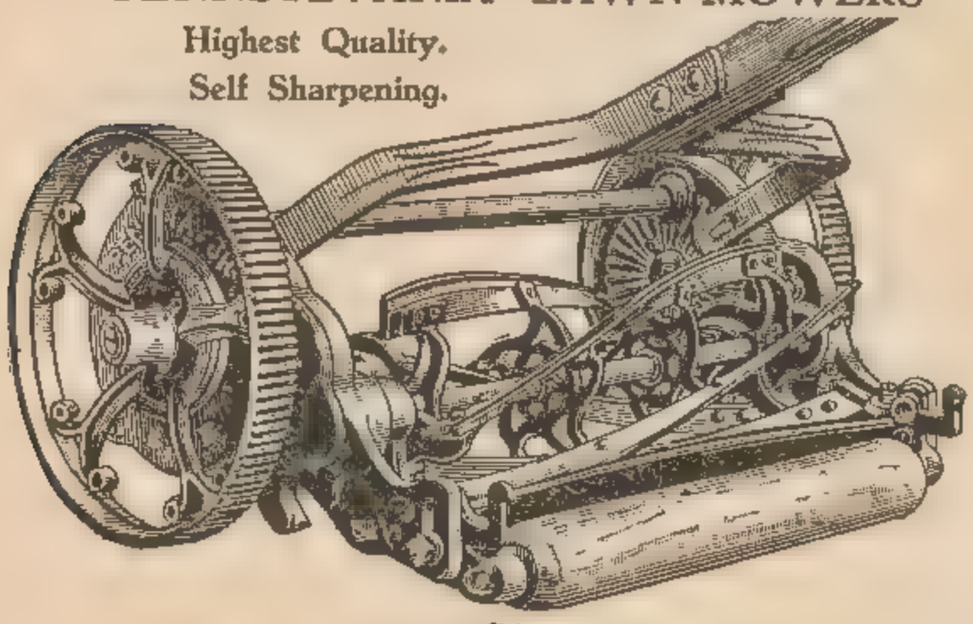
Full Particulars in Hardware Section.

YOUR ENQUIRIES WILL BE WELCOMED.

GARDEN Tools & Needs

"PENNSYLVANIA" LAWN MOWERS

Highest Quality.
Self Sharpening.



G1.

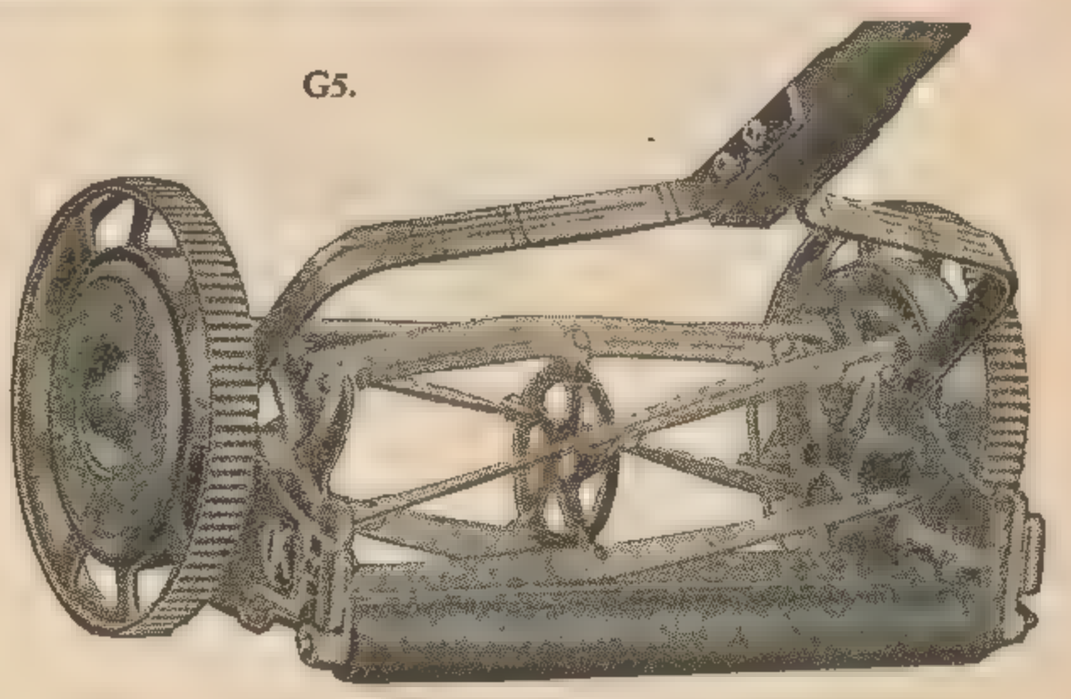
These Mowers are made of the best quality materials throughout. The Blades are made of specially and carefully tempered Crucible Tool Steel—the kind that is used for Chisels, Hatchets, or other tools requiring a keen edge.

The "Pennsylvania" Junior

G2.

Is of superior quality, fitted with a train of gears, which makes the whole machine last longer, and allows of the five cutting blades being placed so far back that they do not dig into the turf or make a rough cut if the wheels should run into an uneven spot on the lawn. This Mower is noted for its strength, service, and light running features. Low wheel: 8", 12", 14", 16"; High Wheel: 10", 15", 17".

G5.

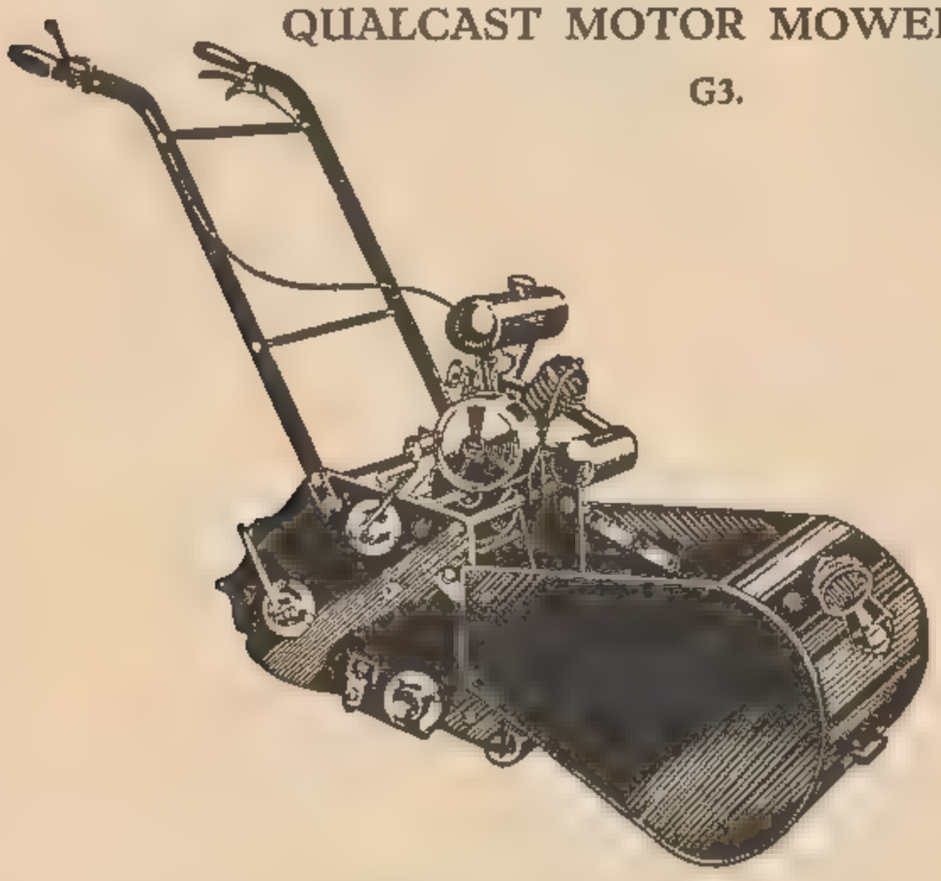


"Philadelphia" Lawn Mowers

Genuine "Philadelphia" Lawn Mowers are strong and durable. The knives are made from the best Vanadium Crucible Tool Steel, possess fine cutting qualities, and are correctly fitted. The Roller bearings wear straight and evenly along their entire surface. The wear can be easily taken up, and the journals kept perfectly true. The Handles are made from well-seasoned, straight-grained Maple.

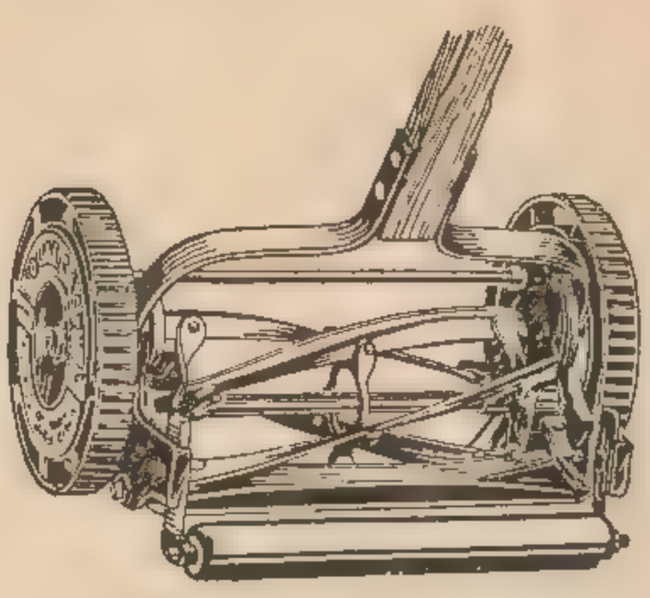
QUALCAST MOTOR MOWER

G3.



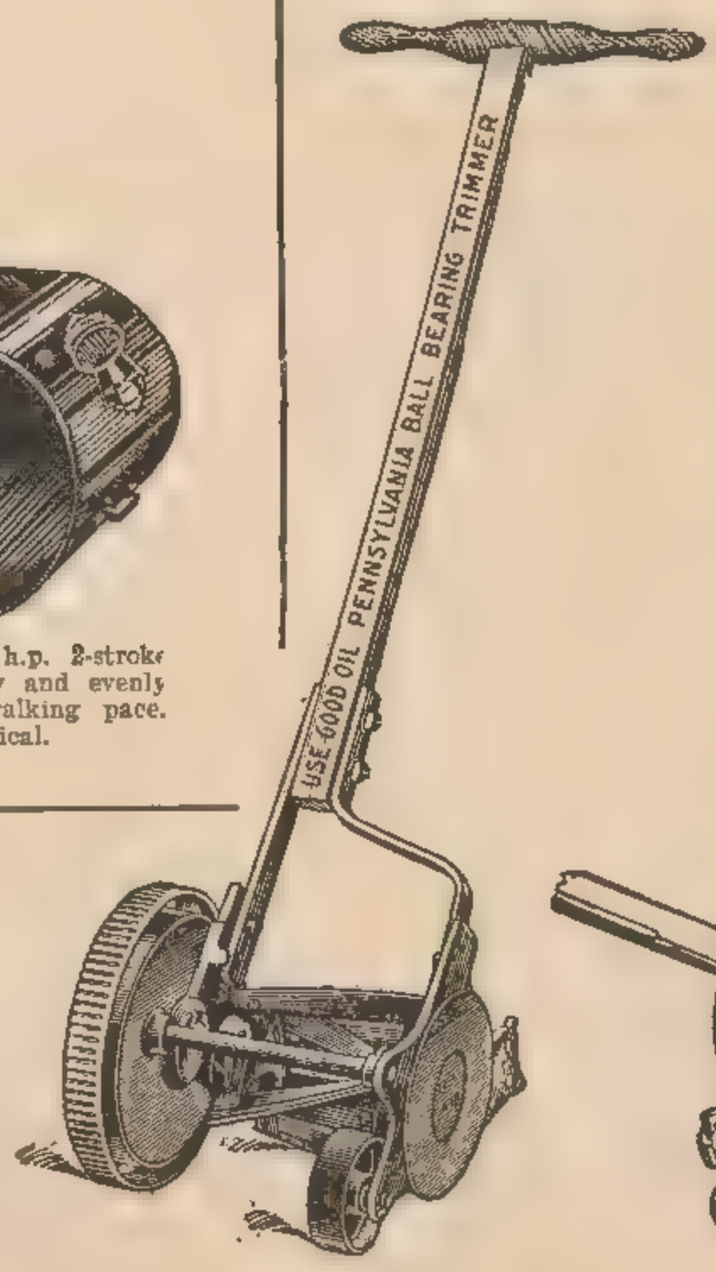
With six 16" cuttings blades. Powered with 1½ h.p. 2-stroke engine with air cleaner and choke. Cuts cleanly and evenly at a rate of 3750 cuts per minute at quiet walking pace. Utterly dependable and amazingly economical. Write for fuller details.

QUALCAST MOWERS



G6.

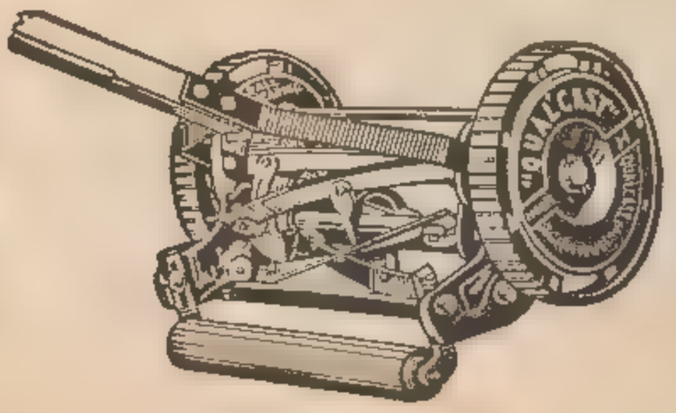
Easy running, smooth cutting. Simple blade adjustment and bronze bearings. Five cutting blades suitable for all grasses. 10", 12", 14".



"Pennsylvania" Lawn Trimmers

G4.

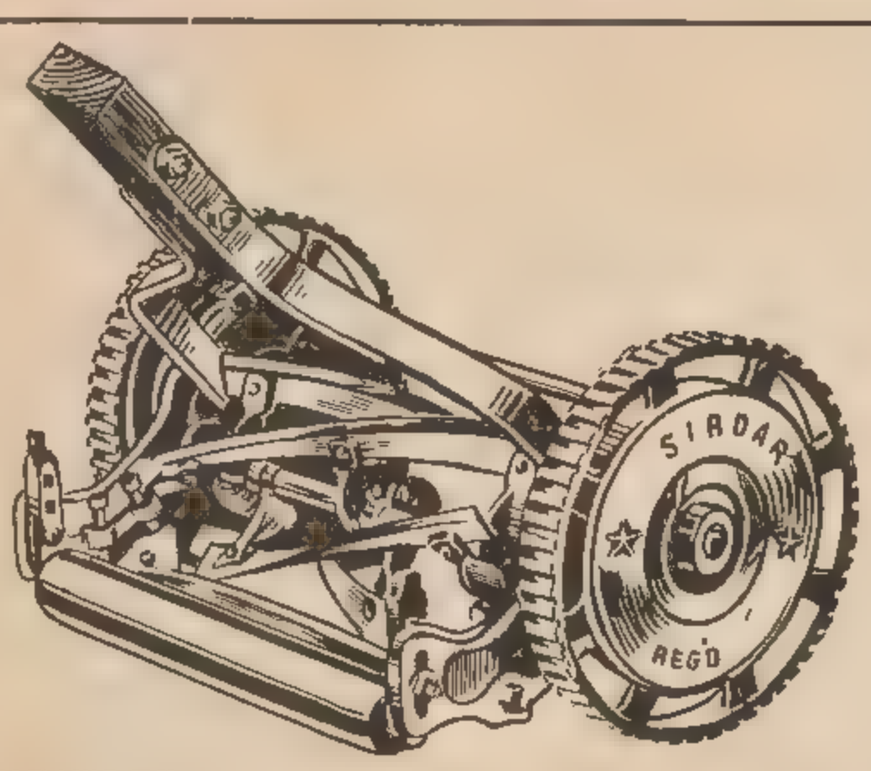
Made to meet the demand for a serviceable tool of the Mower type to take the place of grass shears and other devices for cutting the grass left at the edges of lawns after mowing. Will cut to within ⅜" from walls to tree trunks, and will mow any border which is wide enough to accommodate one wheel. Fitted with 5½" four-blade Cylinder, giving a 6" cut. Ball bearings.



G7.

As above with Ball Bearings. 10, 12, 14, 16 inches.

DO NOT CUT CATALOGUE, QUOTE NUMBER AND PARTICULARS



SIRDAR
LAWN MOWERS

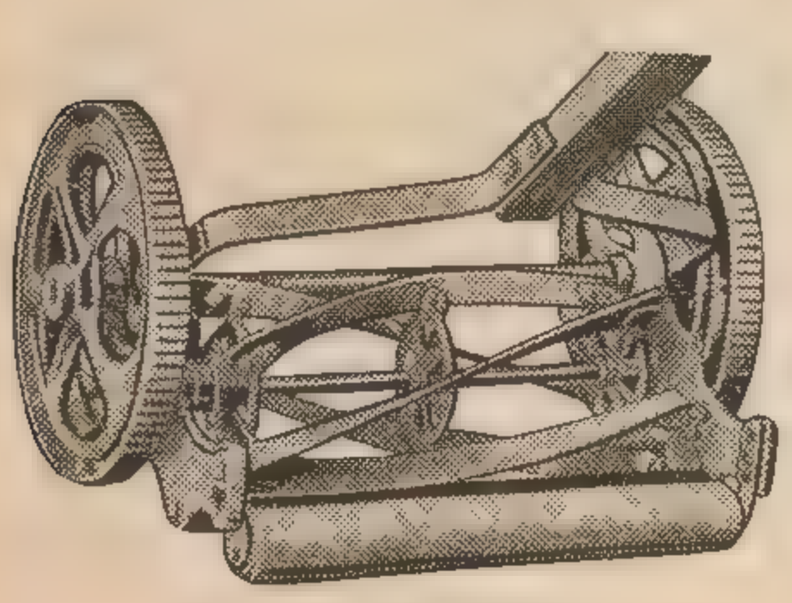
G8.
A highgrade lightweight Mower made from specially selected materials and designed to give long service under all conditions. Specially suited for Buffalo and Couch. Plain or Ball Bearing models. 10, 12 or 14 inches.

GRASS CATCHERS

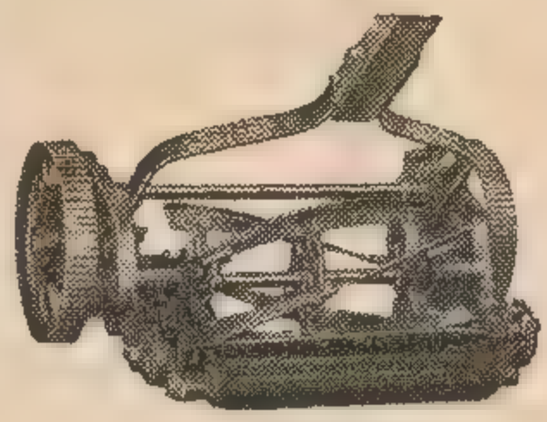
G9.—"Pennsylvania."
G10.—"Philadelphia."
G11.—"Champion."

These Cutters are fitted with strong canvas sides, a galvanized bottom that will not sag, and strong supporting rods, which are so rigid that no other support is necessary. Can be instantly placed on or removed from the Mower. Sizes: 12", 14", 15", 16", 17".

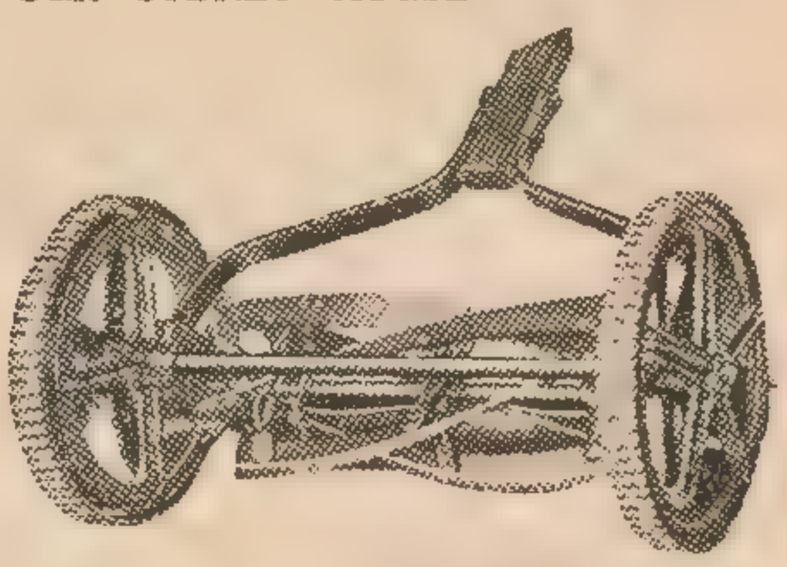
NOTE THESE THREE MOWERS STOCKED ONLY BY OUR SYDNEY HOUSE **NOTE**



G12.—THE "BURNLEY"
A high grade Mower of medium weight. With six ball bearings, light running, and designed for heavy service. 12, 14, 16 and 18 inches.



G13.—THE "PREMIER"
Specially suited for buffalo and couch, and ideal for spongy lawns. 10 inch wheel. Ball bearings. 12, 14 and 16 inches.



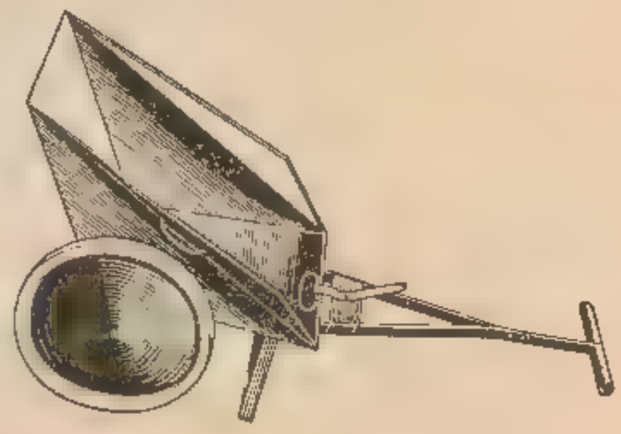
G14.—THE "SENIOR"
This machine has a chain of gears on each side, ensuring a positive drive under all conditions. Ball bearing. 12, 14 and 16 inches.

SPARE PARTS FOR ALL MOWERS LISTED HERE ARE ALWAYS AVAILABLE

WHEELBARROWS - - - Sydney House Only

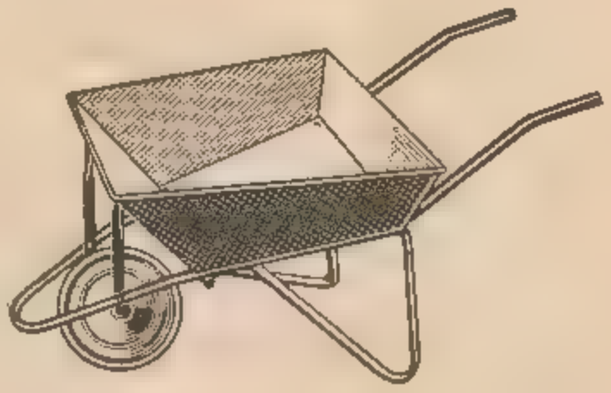
G15.
QUICK TIP CONCRETE BARROW
Roller Bearing Axle, Pneumatic Tyres, and Patent tipping action.

G16.
THORNSETT PATENT BARROW
Self Loading, Easy Tipping Tray. 29" x 20". Flat Steel Frame. Rubber Grip Handles. I.R. Tyred Disc Wheels. Weight, 40 lbs.



G17. (below).
GARDEN BARROW
Three-quarter inch Tubular Frame Tray. 27" x 23" with heavy side straps. Wrought Steel Wheel. Weight, 52 lbs.

G18.
LADIES' GARDEN BARROW
Half-inch Tubular Steel Frame, Steel Tray. 23" x 20". I.R. Tyred or Wrought Steel Wheel. Weight, 23 lbs.

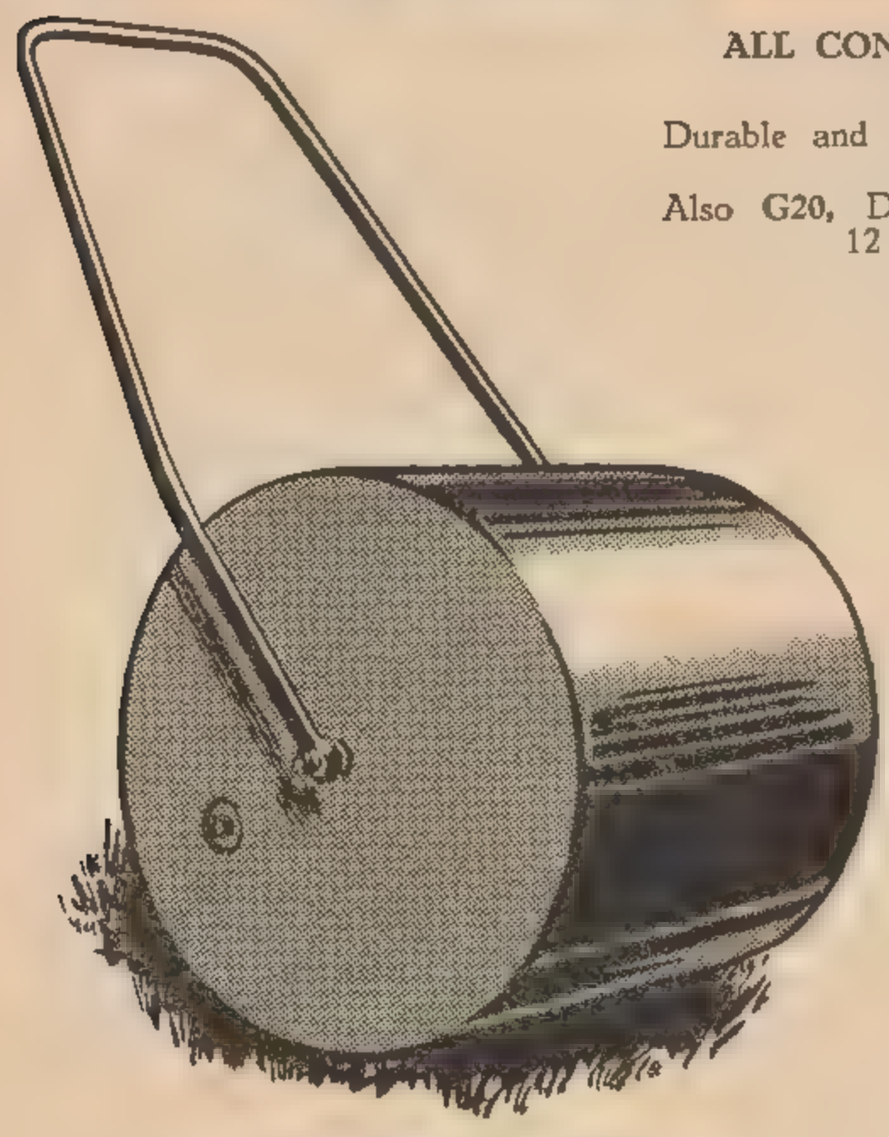


Melbourne House - - - Barrows - - - Page 188

WE APPRECIATE YOUR ORDER WHETHER LARGE OR SMALL

Rollers and Wheelbarrows

DO NOT CUT CATALOGUE
—
ORDER BY NUMBER



ALL CONCRETE SOLID ROLLERS

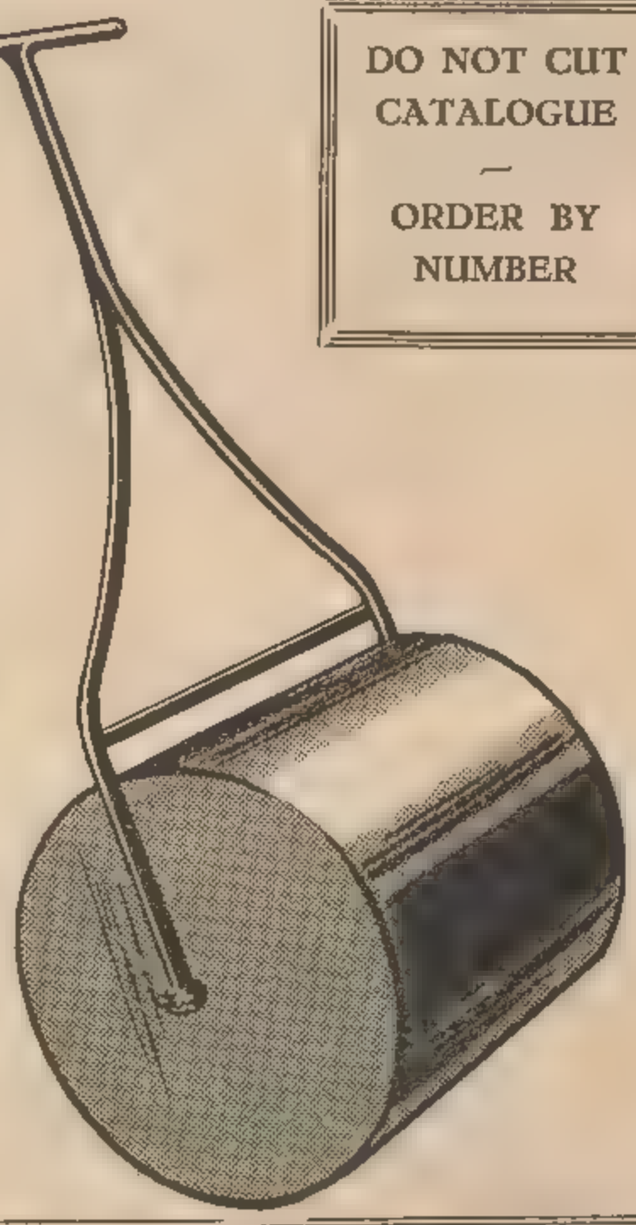
G19. (at right)

Durable and serviceable. 24 ins. x 19 ins. Weighs 4½ cwt.

Also G20, Domestic size, 18 ins. Face x 12 ins. Diam. 1½ cwt.

G21.—CONCRETE BARROW

One inch Tubular Steel or Wood Frame. Tray specially strapped for concrete work. Continuation of frame round wheel serves as pivot for tipping. 5 cub. ft. Weight, 80 lbs.



STEEL FACE, WATER BALLAST CONCRETE INTERNAL (above)

G22.—24 in. Face, 24 in. Diam. .. .. 4¾-6 cwt.
G23.—24 in. Face, 18 in. Diam. .. .. 3¾-4½ cwt.
G24.—18 in. Face, 24 in. Diam. .. .. 4¼-5 cwt.
G25.—18 in. Face, 18 in. Diam. .. .. 3 -3½ cwt.

STEEL FACE, SOLID

G26.—18 in. Face, 14 in. Diam. .. .. 2½ cwt.
G27.—18 in. Face, 12 in. Diam. .. .. 1¾ cwt.
G28.—16½ in. Face, 11½ in. Diam. .. .. 1¼ cwt.

G30. (at right)

NAVVY BARROW

G30.—One inch Tubular Steel Frame, Seamless Tray with strong Steel Wire edges. Wheel, Flat Mild Steel with Cast Iron Box. Heavy Bolt Axle. 3 cub. ft. Weight, 56 lbs.

G31. — 4 cub. ft. Weight, 60 lbs.

G32.—3 cub. ft., Painted Tray, with Pneumatic Tyre Wheels.

G33.—4 cub. ft., Painted Tray, with Pneumatic Tyre Wheels.

Painted or Galv. Trays

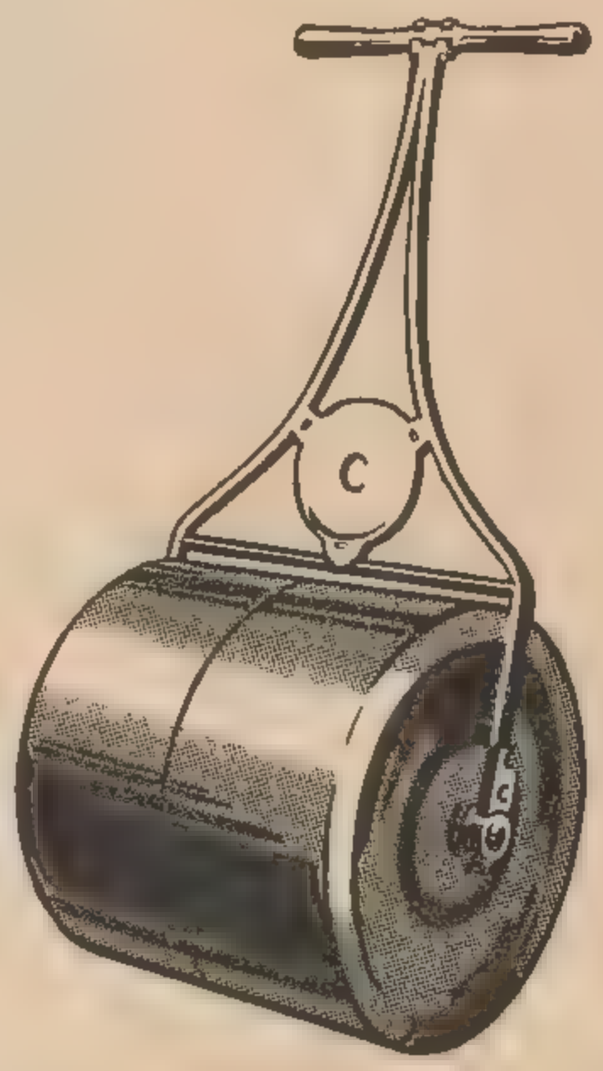
G29.—Three-quarter inch Tubular Steel Frame. Tray, 26 x 23 inch. Solid Wrought Steel Wheel. Weight, 32 lbs.

G34. (at right)

DOUBLE CYLINDER ROLLER

Best make, 20 in. Diameter, weighing 3¼ cwt.

Also G35, larger size, 22 in. Diameter, weighing 4 cwt.



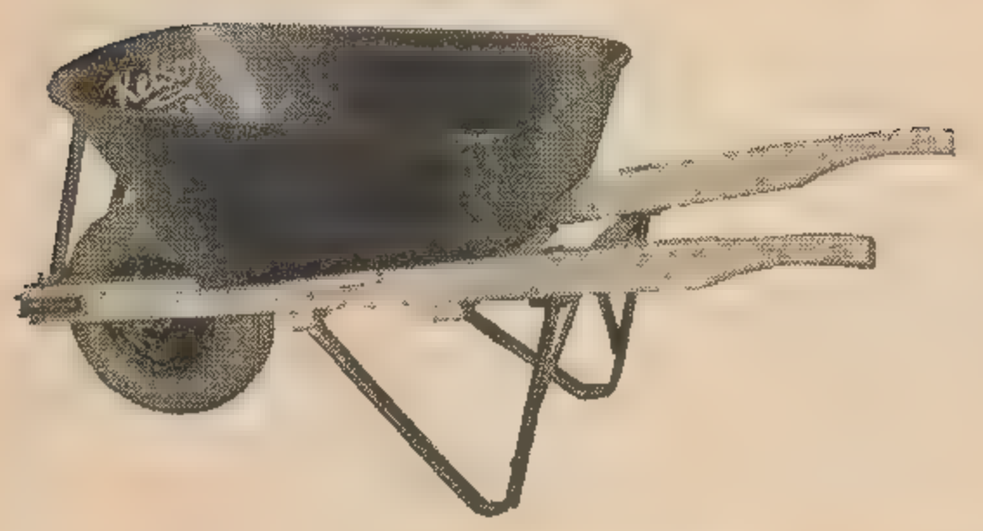
NOTE.—The Barrows illustrated on this page are obtainable ONLY from our SYDNEY HOUSE.

See Next Page for Barrows stocked by MELBOURNE HOUSE

LET US QUOTE YOU FOR YOUR GARDEN REQUIREMENTS

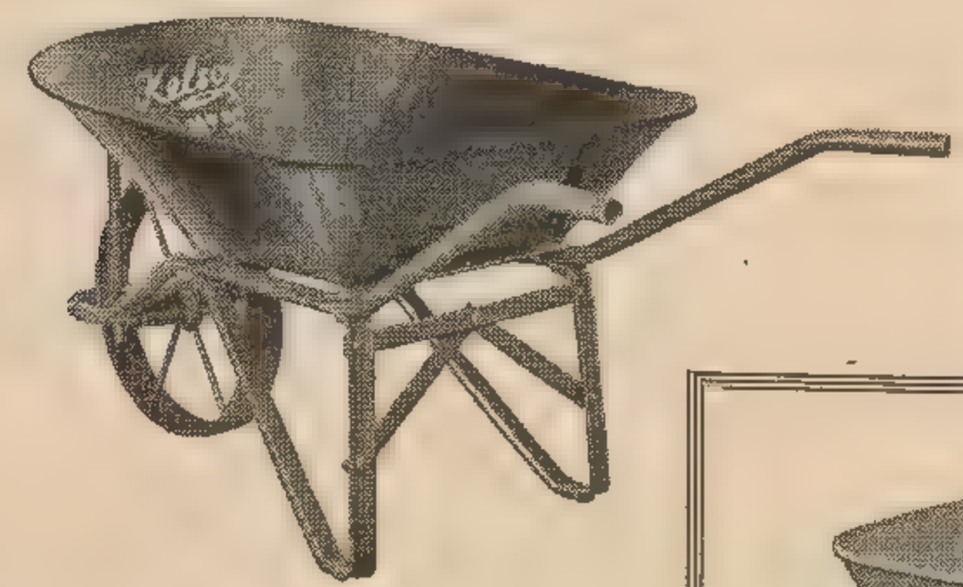
Wheel Barrows

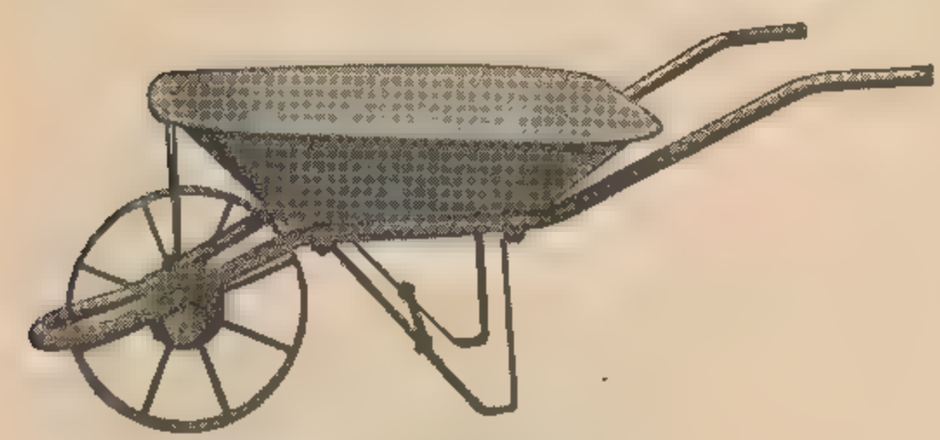
G36.
GARDEN WHEELBARROW
Made of 24 gauge Galvanized Iron.
Capacity, 3 cub. ft.



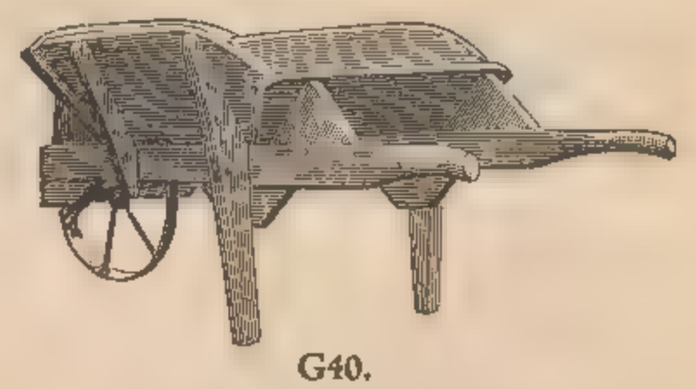
G37.
CONCRETE BARROW
Made of 18 gauge Galvanized Iron.
Rubber Tyred Wheel.
Capacity, approx. 5 cub. ft. (dry).

G38.
LIGHT CONCRETE BARROW
Made of Painted Galvanized Iron.
Capacity,
2½ cub. ft. (wet).
3 cub. ft. (dry).

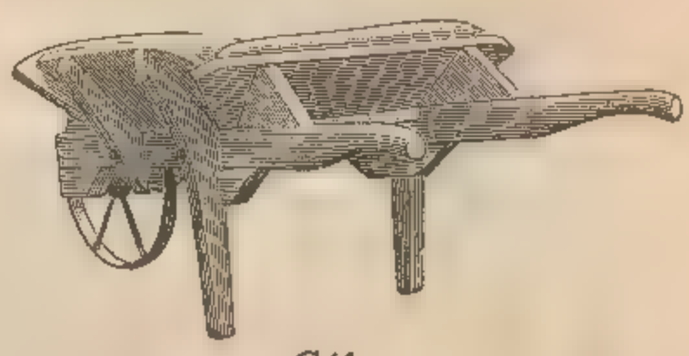




G39.
HEAVY NAVVY BARROW
Made of 18 gauge Galvanized Iron.
Capacity, 3 cub. ft. (dry).



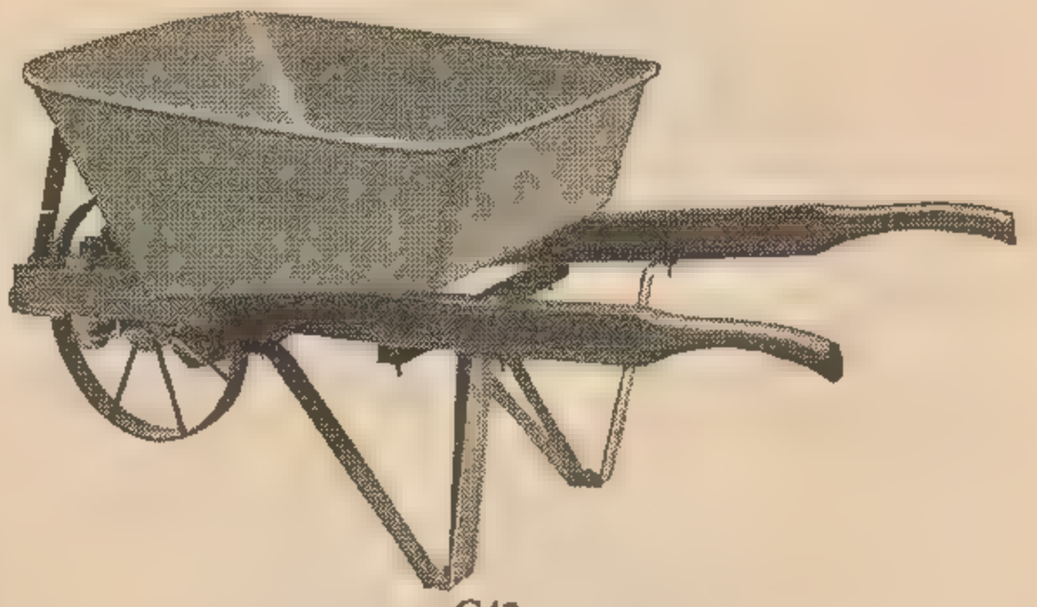
G40.
WOODEN GARDEN BARROW
Made with Kauri Top & Hardwood Frame.
Iron Wheel with Chilled Hub.
Well constructed to stand hard wear.
Size No. 2: Large.
Size No. 3: Small.
Size No. 4: Youth's Special.



G41.
WOODEN NAVVY BARROW
Made with Kauri Top & Hardwood Frame.
Iron Wheel with Chilled Hub.
Well constructed to stand hard wear.
Size No. 1: Heavy.

SEE ALSO NEXT PAGE

G42.
WHEELS FOR BARROWS
Sizes: 10" x 1".
12" x 1¼".
14" x 1¼".
16" x 1½".
18" x 1½".
18" x 2".



G43.
CONCRETE BARROW
Made of 18 gauge Galvanized Iron.
Steel Wheel. Capacity, 5 cub. ft. (dry).

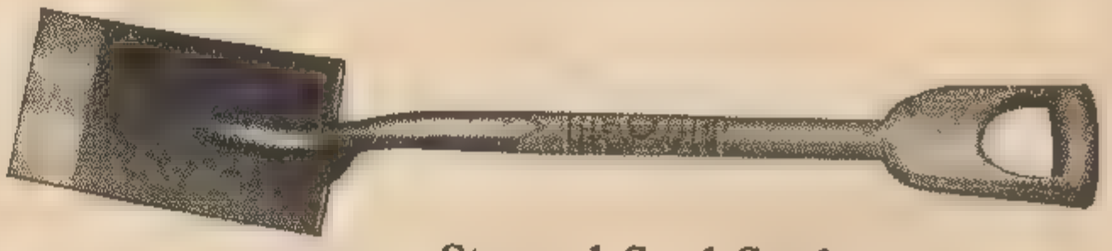
SPADES and SHOVELS

G44. Brade's Improved Shovels
Hammered Steel, Rivetless. Blades, Black Finish.
Sizes: 0, 1, 2, 3.
In D Handle and Long Handle Types.

G51. Skelton's Solid Steel Garden Spades
No. 1—11½" x 7". No. 2—12" x 7½".

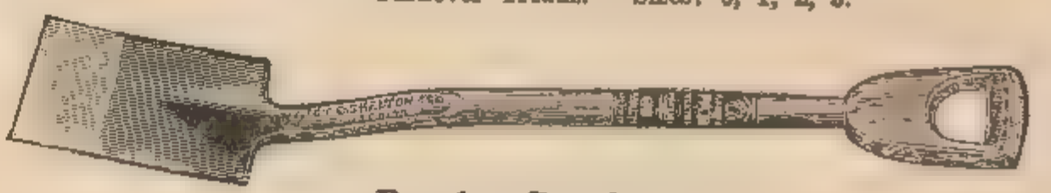
G52. Brade's Socket Garden Spades
All Steel. Hollow Back. Turnover Tread.

G45. Parke's Open Socket Steel Shovels
Stamped out of Sheet Steel. Light and Strong. Wheel Brand.
Round Mouth. Sizes: 3 and 4. In D and Long Handle Types.



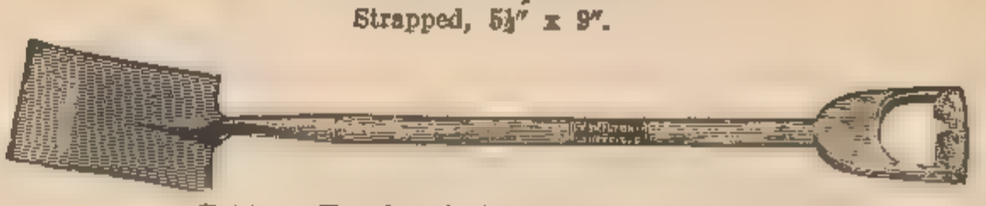
G53. Stamped Steel Spade
Turnover Treads. Sizes: 0, 1, 2, 3.

G46. Corn Scoop
Riveted Black. Sizes: 3, 4, 5, 6, 7, 8.



G54. Border Spade
Strapped, 5½" x 9".

G47. Locomotive Shovel
Crutch Handle.



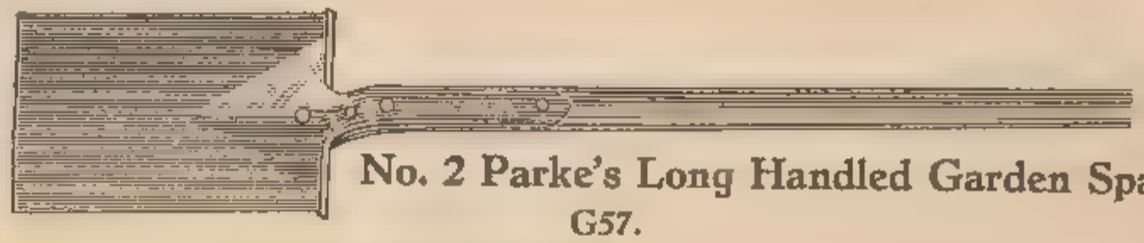
G55. Ladies' Light Border Spade

G48. Long Handled Round Mouth Shovel
Sizes: 2 to 5.

G56. Post-hole Tool
Treaded, 6½" x 5" x 14".

G49. Long Handled Square Mouth Shovel
Sizes: 2 to 5.

ALSO STOCKED (SYDNEY):
Parke's Forks, Spades, Shovels



No. 2 Parke's Long Handled Garden Spades
G57.

G50. Post-hole Spade Strapped Bright.

DANKS SUPPLY ALL GARDENERS REQUIREMENTS AT REASONABLE PRICES

JOHN DANKS & SON PTY. LTD.

MELBOURNE AND SYDNEY

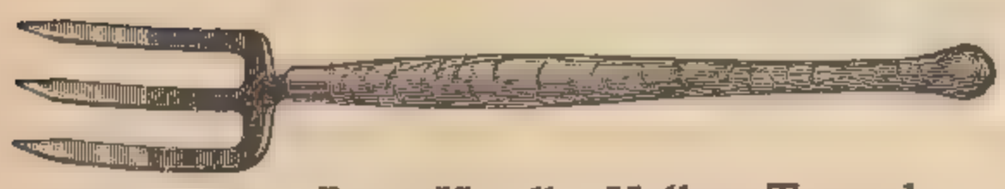
FORKS

G58. Garden Forks
Solid Steel, Strapped, Square Prongs. 4-Prong. 5-Prong.

G59. Spading Forks
4-Prong. 5-Prong.

G60.
Border Fork, Light, T and D Handle

Garden Forks and Trowels

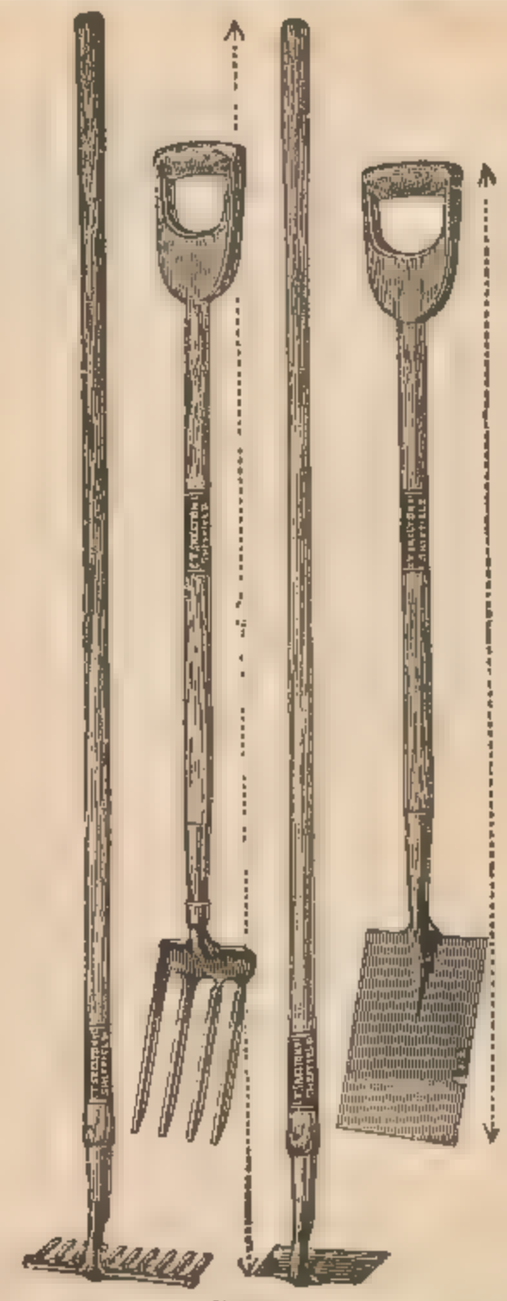


G61. Long Handle, Hollow Tanged

G62. Short Handle, Hollow Tanged

G63. Long Handle, Socket

G64. Short Handle, Socket

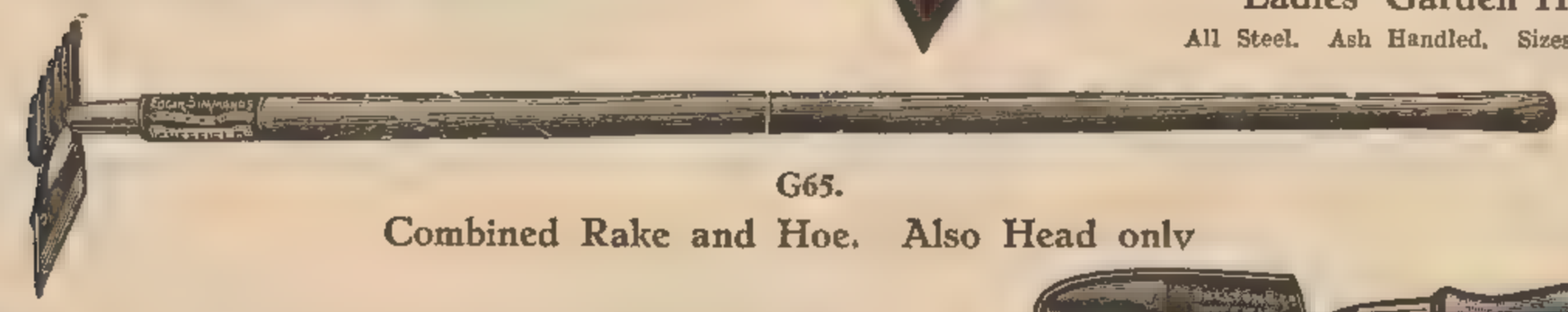


G67.
Skelton's Solid Steel Garden Tools in Sets

G68.
Tasmanian Pattern Brade's Potato Fork
5-Prong.

Hoes . .

G69.
Ladies' Garden Hoes
All Steel. Ash Handled. Sizes: 5", 6".



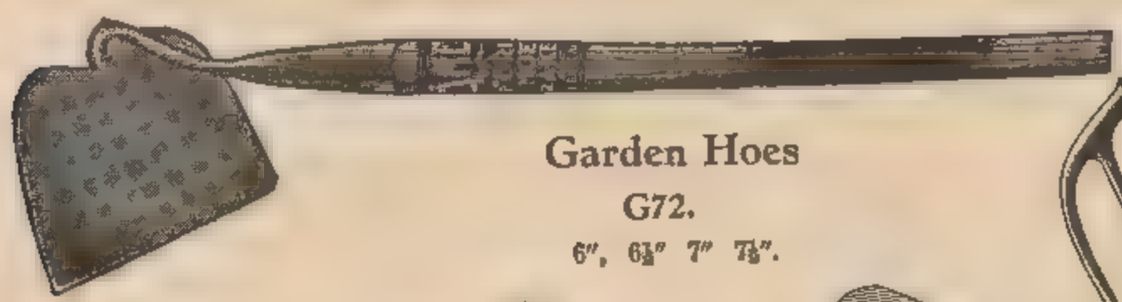
G65.
Combined Rake and Hoe. Also Head only

G66. Long Handle, Socket

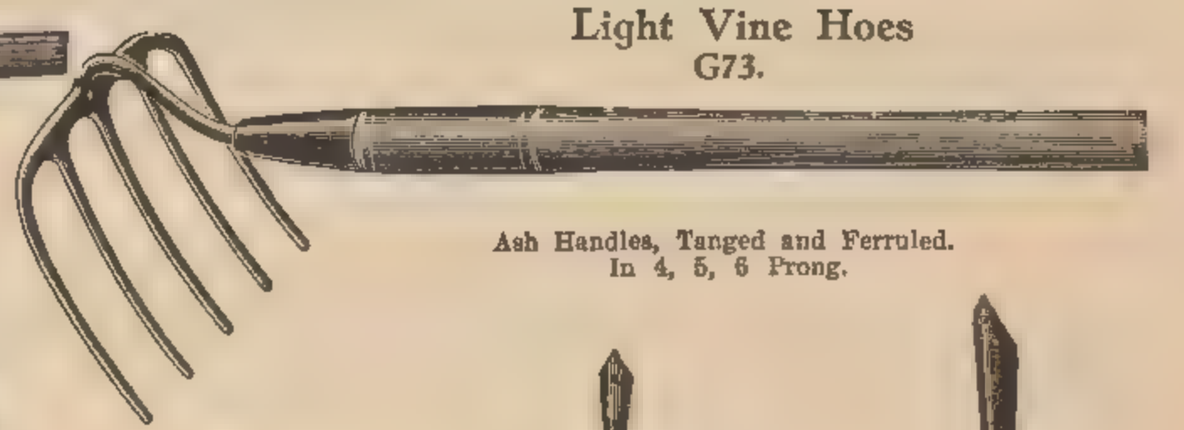
G70. Short Handle, Socket
G71. Short Handle, Riveted

Also Stocked (Sydney)
PARKE'S FORKS, SPADES, SHOVELS

HOES—Continued:



Garden Hoes
G72.
6", 6½" 7" 7½".



Light Vine Hoes
G73.
Ash Handles, Tanged and Ferruled.
In 4, 5, 6 Prong.

Planters' Hoes
G74.
No. 00—6" x 7"
No. 0—6¼" x 7¼"
No. 1—6½" x 7½"
No. 2—6⅝" x 8"

Burr Hoes
G75.
6" and 4½".

Vine Hoes
G76.
3 and 4 Prong.

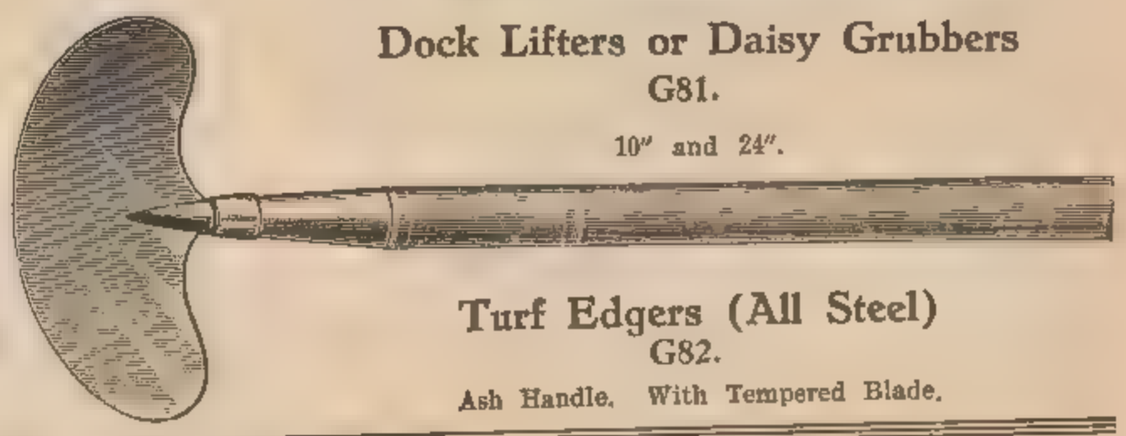
Garden Hoes
G77.
5", 6", 7", 8".

Portarlington Hoes
G78.
Sizes:
5", 5½", 6", 6½", 7".

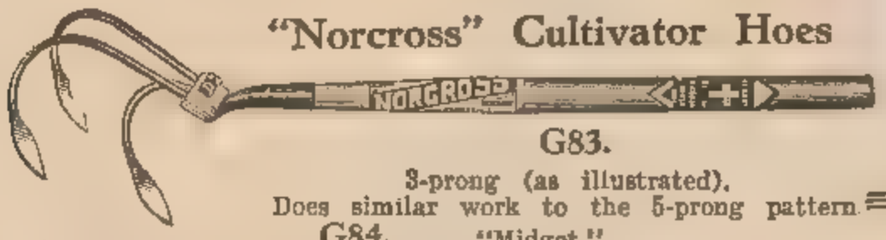
Dutch Hoes
G79.
Sizes: 4", 5", 6", 7", 8", 10".

G80.
All Steel Potato Drags
Ash handles; 4 prongs.

Dock Lifters or Daisy Grubbers
G81.
10" and 24".



Turf Edgers (All Steel)
G82.
Ash Handle. With Tempered Blade.



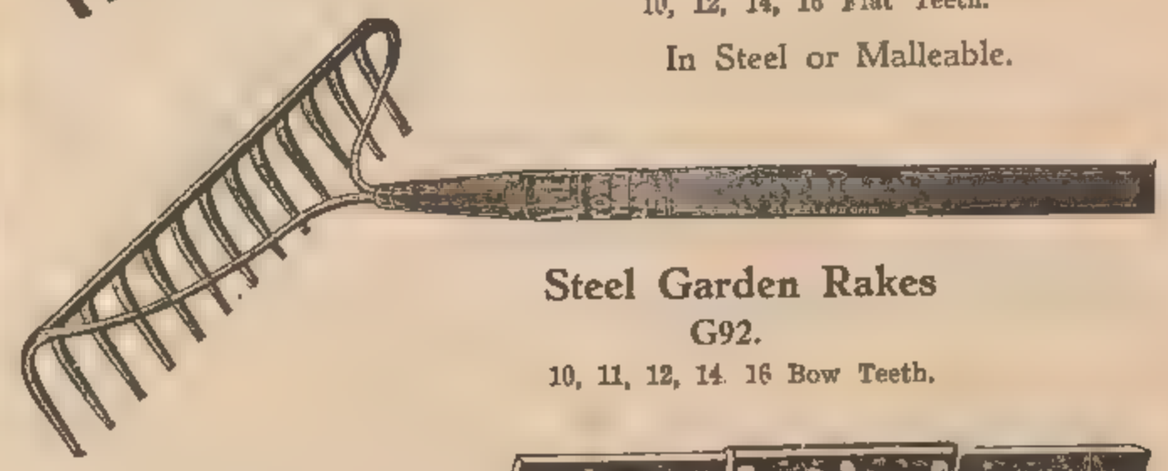
"Norcross" Cultivator Hoes
G83.
3-prong (as illustrated).
Does similar work to the 5-prong pattern.
G84. "Midget."
Fitted with 9 in. handle, and intended for cultivating small vegetation, where a long handle would be unsuitable. Excellent for strawberry beds, etc.

G85. 5-prong.
By removing centre prong, rows of small plants can be closely weeded and cultivated. With centre prong removed and other four reversed, it forms a potato digger. 4 ft. handle.

DO NOT CUT CATALOG—ORDER BY NUMBER

GARDEN RAKES

Garden Rakes
G91.
10, 12, 14, 16 Flat Teeth.
In Steel or Malleable.



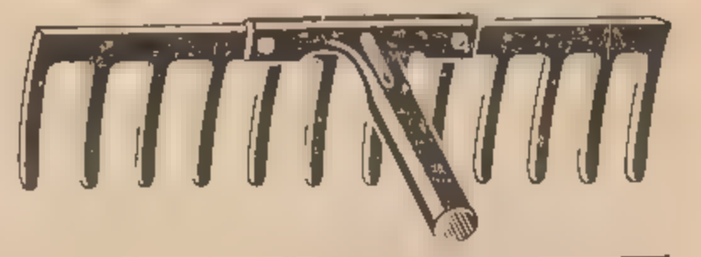
Steel Garden Rakes
G92.
10, 11, 12, 14 16 Bow Teeth.

G86.
Thistle Hoes
3".

G87.
Rabbiters' Hoes

G88.
Pick-eye Grubbing Hoes
3½ and 4 lbs.

G89.
English Mattocks
Long or Short Cutter
4, 4½, 5 lbs.



Unhandled Garden Rakes
G90.
12, 14, 16 Teeth.

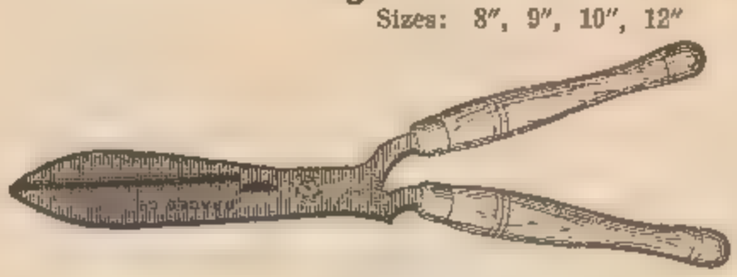
G93. BRADES' DOUBLE-ENDED ROAD PICKS
5 lbs., 6 lbs., 7 lbs.

G94. BRADES' DOUBLE-ENDED PICKS
Sizes: 4 lbs., 5 lbs., 6 lbs., 7 lbs.

G95. BRADES' MINERS' PICKS
Sizes: 3½ lbs., 4 lbs., 4½ lbs.

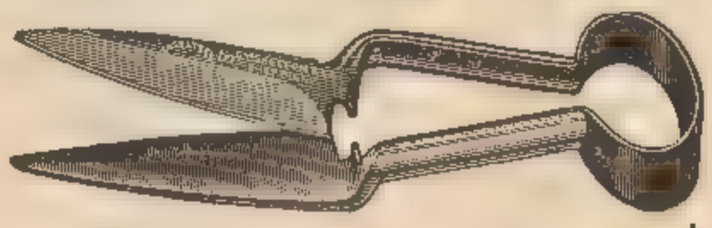
Shears

G101. Best English Garden Shears (Notched)
Sizes: 8", 9", 10", 12"

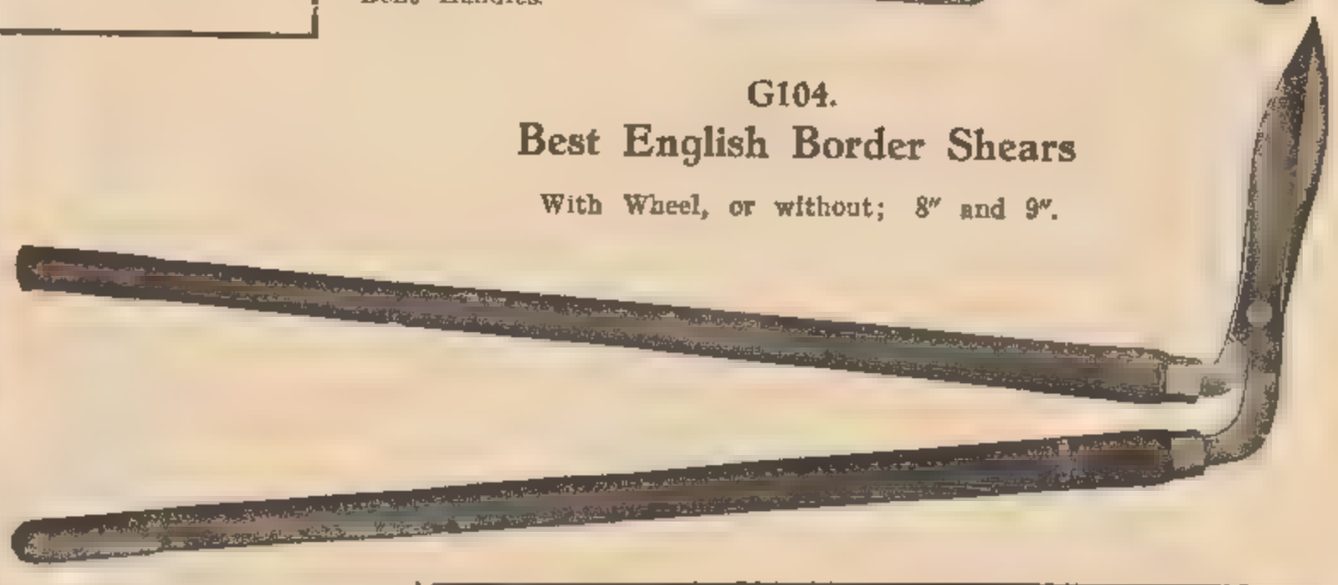


G102.
Ladies' Garden Shears

G103.
Grass Shears
Bent Handles.

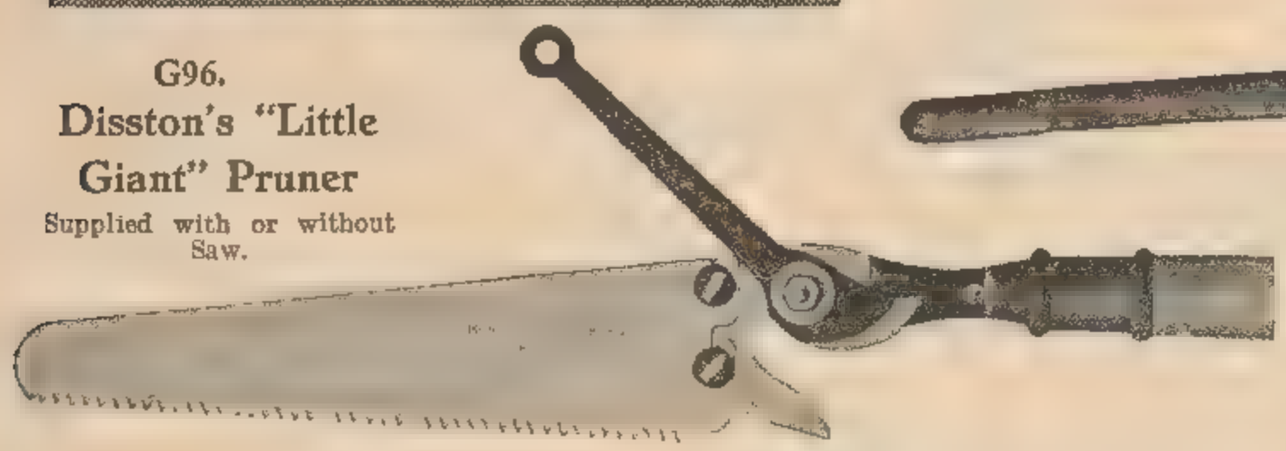


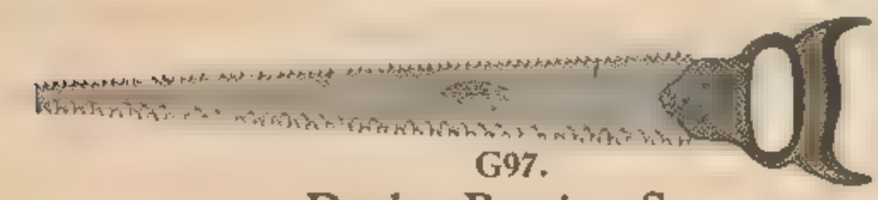
G104.
Best English Border Shears
With Wheel, or without; 8" and 9".



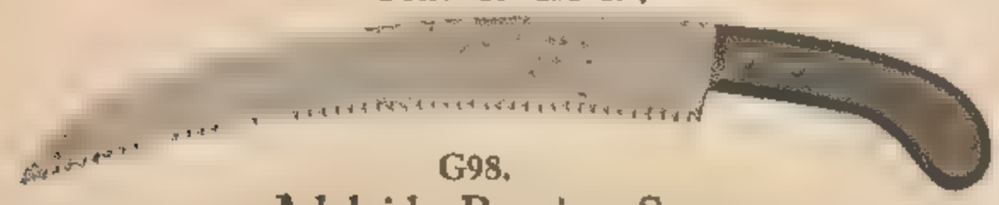
Pruning Needs

G96.
Disston's "Little Giant" Pruner
Supplied with or without Saw.





G97.
Duplex Pruning Saws
Sizes: 14" and 16".



G98.
Adelaide Pruning Saws
Sizes: 12" and 14".

DO NOT CUT CATALOG.
ORDER BY NUMBER

G99.
Lopping Shears
English Make.

G100. Seccateurs

No. 10, 6". Rose Shears.
No. 100, 9" Medium Quality
No. 30, 9" Heavy Quality
No. 130, 9" Checkspring, black finish.
No. 140, 9" Checkspring, nickel finish.
No. 240, 9" Check Brass Spring, nickel finish.
Reiser's Celebrated Make.

SPADE OR FORK HANDLES

G105.
"D" Shovel Handles
Bent. Straight.

G106.
Rake Handles
Sizes: 5 ft., 5½ ft., 6ft.

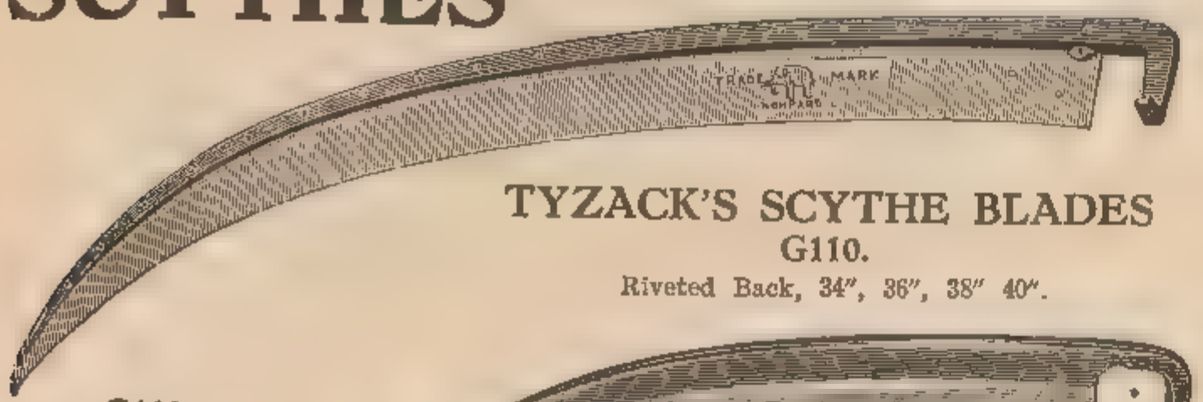
G107.
Plantation Hoe Handles
4 feet.
Dia.: 1¼", 1¾", 2", 2¼".

G108.
Spade or Shovel "D" Handles
Malleable Iron.
Wood Grip.

G109. Pick Handles

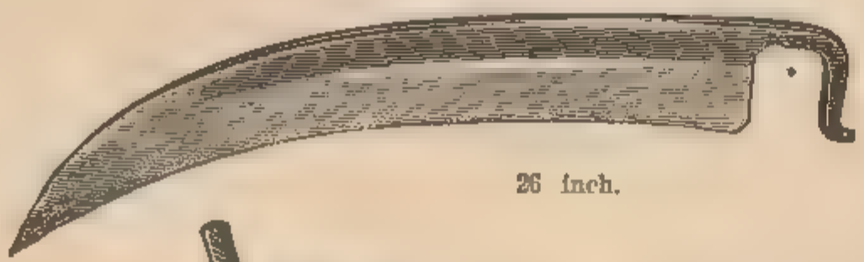
WE STOCK ALL ORCHARDISTS' AND GARDENERS' REQUIREMENTS

SCYTHES



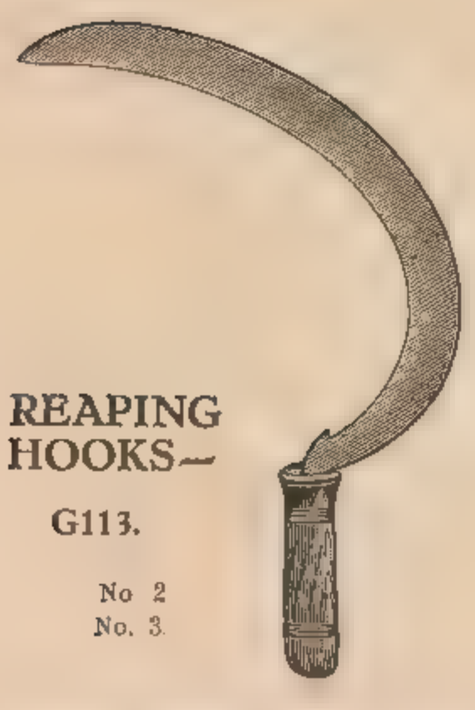
TYZACK'S SCYTHE BLADES
G110.
Riveted Back, 34", 36", 38" 40".

G111.
TYZACK'S BRAMBLE SCYTHE BLADES

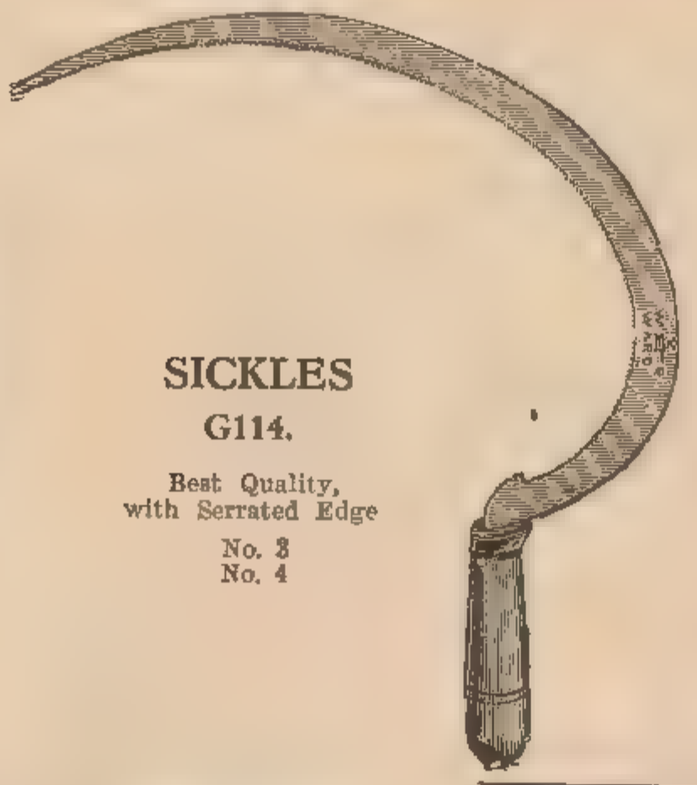


26 inch.

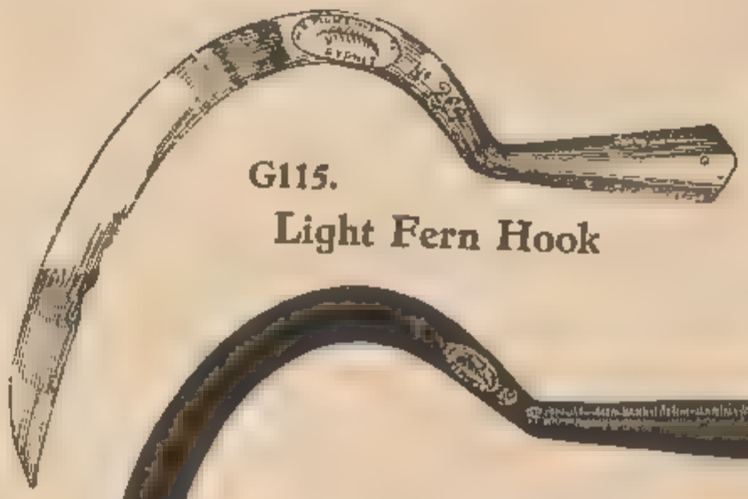
SCYTHE HANDLES
G112.
American Patent Fastening.



REAPING HOOKS—
G113.
No 2
No. 3.

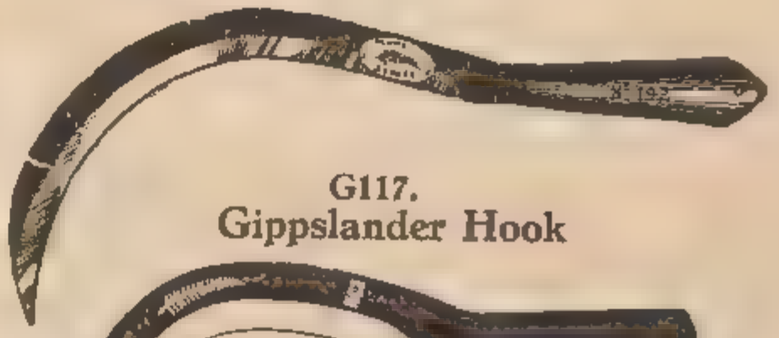


SICKLES
G114.
Best Quality, with Serrated Edge
No. 3
No. 4



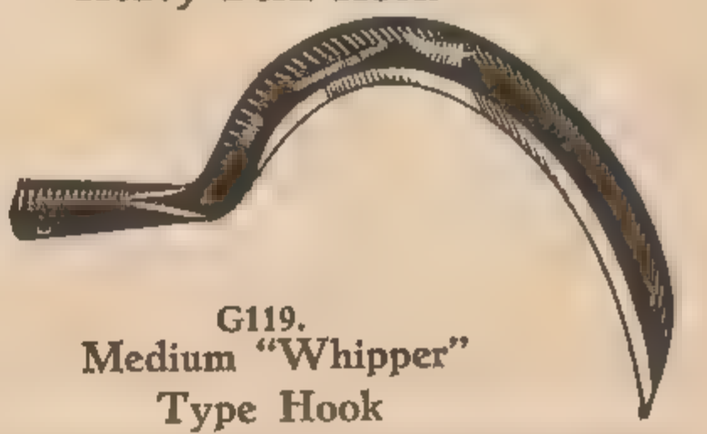
G115.
Light Fern Hook

G116.
Bagging Hook
Sizes: Nos. 4, 5, 6.



G117.
Gippslander Hook

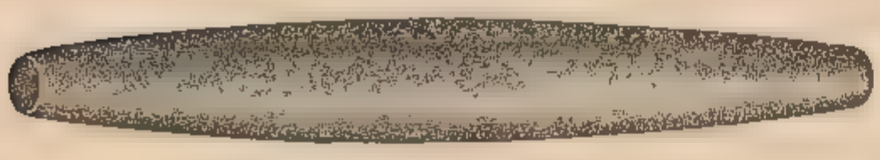
G118.
Specially Shaped Heavy Fern Hook



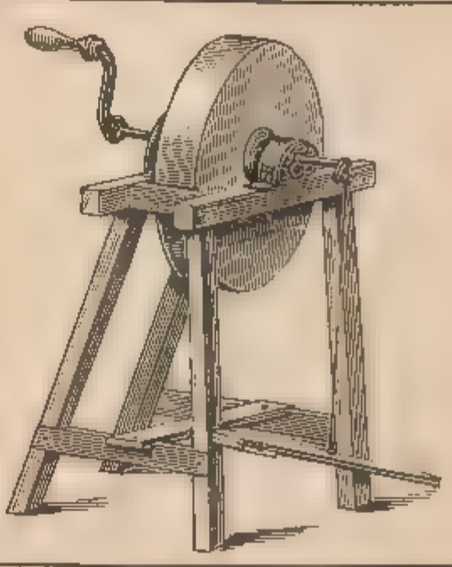
G119.
Medium "Whipper" Type Hook

SCYTHE STONES

Carborundum Scythe Stones
G120.



Waterloo Scythe Stones
G121.



SEE ALSO TOOL SECTION, Pages 151 and 152.

GRINDSTONES ON STAND
G123.
COMPLETE WITH TREADLE AND HANDLE.
Sizes: 14", 16", 18", 20", 22", 24".
FOR STANDS ONLY, See Page 151.

G122. Indian Pond Scythe Stone

Electric Hay Knife
G124.

SEE ALSO TOOL SECTION — PAGE 151

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